Proposal for:

Jefferson Parish Government
RFP No. 0464
Due: 8/25/2023 @ 3:30 pm

Submitted By:

VA-TECH SERVICES
EMPOWERING YOUR DIGITAL MISSION

VA-TECH SERVICES
EMPOWERING YOUR DIGITAL MISSION

500 S. Dairy Ashford Blvd, Suite 354 Houston, Texas 77077 (512) 923-6479 Phone

August 25, 2023

Jefferson Parish – Dept. of Purchasing
200 Derbigny Street, Suite 4400 Gretna, LA 70053

Attention: Shanna Folse – sfolse@jeffparish.net

RE: Information Technology Supports – EI00243-2023RFP

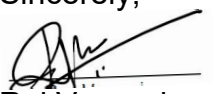
The Management team of VA-Tech Services, LLC has serviced the technology industry for well over 16 years. VA-Tech Services, LLC is a collaborative of Celersoft, Inc. and a Disabled United States Marine Veteran of War with an extensive history of business. Celersoft brings all of the technological expertise needed to meet the technological needs of Jefferson Parish. VA-Tech Services, LLC is conveniently headquartered in Houston, Texas to service institutions throughout the State of Texas, Louisiana and the Southern United States. VA-Tech Services, LLC has over 45 dedicated professionals, with a multitude of contractors throughout the State of Texas and other parts of the United States. VA-Tech Services, LLC along with Celersoft is growing at a rapid pace due to the excessive demand for their technical expertise. VA-Tech Services, LLC / Celersoft management has multiple years of working with government institutions and is eager to prove themselves to personnel and management of Jefferson Parish.

VA-Tech Services, LLC understands the importance of deliverables in an efficient manner to government institutions and realizes the budget restraints that impact these organizations across the country. We believe in serving our clients as governmental agencies serve their citizens. VA-Tech Services, LLC is a growing company because we believe in a high level of commitment to all tasks, and always perform in accordance with the client's needs. VA-Tech Services, LLC growth is happening due to highly trained professionals working cooperatively and responding in a timely and professional manner.

VA-Tech Services, LLC is enthused about the opportunity presented by the Jefferson Parish, and if selected VA-Tech Services, LLC will maintain the level of focus and commitment needed to ensure the project is a success. VA-Tech Services, LLC realizes the sense of urgency needed to effectuate these types of projects. VA-Tech Services, LLC will always collaborate with Jefferson Parish in a reasonable and professional manner.

If you have any additional questions, please contact me anytime on (512) 923-6479.

Sincerely,



Raj Veepuri – *operations@vatechservices.com*
Director of Operations

A. Cover Letter / Executive Summary

VA-Tech Services is a company organized to offer innovative, state-of-the art, information technological solutions to support our great public servants throughout the United States. VA-Tech Services seeks to only offer high quality information technology systems, service and support. VA-Tech Services is focused on providing information technology solutions, by teaming up with government organizations to further enhance and streamline the services they offer within their organization and throughout the communities they serve. Knowing this, it will be an honor and privilege to serve the Executive, IT, HR, Land, Public Safety, Finance, Public and all the other great public servants. We realize IT support is a key part of service delivery to the citizens, and we are eager to show we believe in the government, citizens community and the neighborhoods they service.

VA-Tech Services recognizes the barriers that affect government agencies and the delivery of services, and we intend to align our team with public service professionals to create a team environment striving to achieve the same goals. VA-Tech Services will establish very clear goals and objectives as part of our transition plan, and we will define measures of success for self-evaluation and Jefferson Parish review and insight. VA-Tech Services understand its role is to provide all aspects of technological expertise needed for this proposal, and realizes this is an opportunity to support the government personnel and citizens with the best technology support to fulfill the mission of Jefferson Parish and the citizens they serve.

The personnel at VA-Tech Services have the education and experience to ensure proper execution and delivery of information technology support to Jefferson Parish. The professionals at VA-Tech Services are skilled in project management, Oracle, GIS, Microsoft, Data Center Management, Cybersecurity, Telecommunications and all other aspects needed to fulfill the requirements of Jefferson Parish. VA-Tech Services will develop an internal team that includes our Executives, VP, Project Manager and several technical specialist to ensure the IT Support deliverables are met for Jefferson Parish. By setting up a separate internal operating unit, VA-Tech Services can ensure the assigned personnel will focus on the Jefferson Parish deliverables. When selected, VA-Tech Services will immediately assign a designated person to address the deliverables needed for Jefferson Parish. The process will include discussions with Jefferson Parish to understand align with IT professionals to familiarize ourselves with their process and procedures. This approach will be taken to ensure proper collaboration occurs, and communication remains consistent throughout the term of the contract.

VA-Tech Services intends to develop a unique platform with an icon that represent all the technological support services being provided to collaborate with Jefferson Parish personnel on a 24/7 basis. The platform will allow all intricate personnel access to key aspects associated with Information Technology support contract. This internet-based management system is accessible 24 hours a day, and VA-Tech Services personnel will be accessible to Jefferson Parish IT Team and government personnel.

Lastly, the principals of VA-Tech Services want Jefferson Parish to know that we believe in the highest ethical standards and maintain social responsibility as the forefront of our mission.

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- **Attachment A - Insurance Requirements**
- **Attachment B – Cost Proposal**
- **Signature Page**
- **Corporate Resolution**
- **RFP Affidavit**

C. Technical Proposal Elements

Name	Title	Summary of Experience
Bindu Rani Gopal	Oracle Database Administrator	Experienced Oracle Database Administrator with a strong background in Oracle 11g/10g/12c/19c, PL/SQL, SQL, SQLPlus, and SQLLoader. She excels in database design, maintenance, and high availability solutions such as RAC and Data Guard. Bindu has a Bachelor's Degree in Computer Science Engineering and a track record of successfully upgrading and migrating databases, implementing security measures, and providing 24x7 support. She also has expertise in scripting, backup management, and working with various operating systems, including Linux and Solaris. Bindu is a highly motivated team player with excellent analytical and communication skills.
Bini Berhane	Microsoft SQL Server Database Administrator	A skilled Microsoft SQL Server Database Administrator with over 9 years of experience. Proficient in SQL Server administration, data modeling, and high availability solutions like Mirroring, Log shipping, and Always On. Experienced in cloud environments, particularly Azure, and adept at performance tuning, troubleshooting, and reporting using SSRS. Possesses strong technical and people skills, excels in managing complex projects, and continuously seeks innovative solutions. Holds a "MS Certified Solution Associate" certification and has worked with various Microsoft products and third-party tools.
Nitha Yak	Network Engineer	A highly skilled and passionate Network Engineer with 8 years of experience. Proficient in a wide range of networking technologies, including Cisco, Juniper, Palo Alto, and F5. Excels in designing, configuring, and troubleshooting complex network environments, SD-WAN, and cloud services like Azure. Strong expertise in security, load balancing, VOIP, and network monitoring tools. Holds certifications like CCNA, CCNP, and PCNSE. Experienced in managing large-scale projects, improving network performance, and ensuring security. A valuable asset for any organization seeking a dedicated and knowledgeable network professional.
Thomas Winders	Cybersecurity	28 years of cyber security experience within the Department of Defense (DoD) and the Defense Industrial Base (DIB). They possess expertise in cyber security operations management, enterprise security architecture, compliance validation, and system security administration. Holding various cyber security certifications, including those from the NSA and DISA, they have effectively led cyber security teams and managed product certifications for a major defense company. Their accomplishments include improving corporate cyber security programs, achieving NSA Trusted Integrator status, and implementing innovative cyber security initiatives. Their experience makes them a valuable asset in the field of cyber security.
Note: The above referenced personnel will be the project team to facilitate Jefferson Parish Technology Support Project.		

Name	Title	Summary of Experience
In-House	Data Center/Systems	**VMware, veeam, HPE Synergy, 3PAR, Nimble, StoreOnce, Windows Server 2016 and newer, Linux 9** A skilled Systems/Network Engineer with a decade of experience in Network, Storage, Virtualization, and Cloud technologies. They have worked with Hewlett Packard Enterprises, gaining expertise in various aspects such as storage architecture, virtualization, and cloud design. Their comprehensive skills range from Cisco networking to AWS cloud implementations and VMware solutions. With certifications including CCIE, CCNP, and VCIX-DCV, they possess the ability to design and deploy robust infrastructure solutions for Data Centers and Enterprise Networks.
In-House	Microsoft Exchange	**Office 365 (including eDiscovery, Exchange, Defender, Teams, SharePoint), Active Directory and related domain services, WSUS, Azure, file server support** This profile showcases a highly experienced IT professional with 16 years of expertise in Microsoft Active Directory, Azure, Exchange, and related technologies. They possess a strong track record in installation, configuration, migration, maintenance, and troubleshooting of Active Directory infrastructure. This candidate excels in On-Prem to Azure AD migration, PowerShell scripting, and designing secure global enterprise-level Active Directory and Identity systems. They are proficient in a wide range of Microsoft technologies, including Windows Server, Exchange, and Office 365, and hold multiple Microsoft certifications.
In-House	Third-Party Applications	**OpenText document management & workflow, DBVisit, 11, NextRequest, NetDocs, NeoGov** This senior Third party tool consultant is a polyglot executive with visionary leadership and extensive expertise in integration and migration. With a track record of successful go-lives in emerging technologies like HANA, S/4HANA, and Blockchain, they've led large teams and managed budgets exceeding $10 million. Their skills span from AI algorithms and cybersecurity to encryption and compliance, and they have a deep understanding of cloud and hybrid systems, particularly in Azure and AWS. Their experience in master data governance and information security adds depth to their skill set, making them a valuable asset in complex, high-stakes projects.

In-House	Tele-communications	**Avaya on-premises call manager, SIP trunking, session border controllers** This profile showcases an accomplished technical professional with a strong focus on Cisco Unified Communications and Collaboration. Key skills encompass VoIP protocols, Cisco routing and switching, security, cloud technologies, and network troubleshooting. The individual holds several certifications, including CISSP and CCIE Collaboration. Experience includes roles with organizations such as The Intelepath Group, Verizon, and General Dynamics, with responsibilities ranging from design and integration to troubleshooting and management. The profile demonstrates expertise in leading projects, providing Tier III support, and contributing to network optimization in complex environments.
In-House	Video & Access Control	**Genetec, Avigilon** This profile highlights a highly experienced FICAM Certified Electronic Physical Security Specialist with a strong track record in leadership and project management. The individual possesses expertise in access control and video management programming, systems integration, PKI, troubleshooting, SOP development, and personnel and project management. They have a forward-thinking mindset and a history of driving success by embracing emerging trends and technologies. The profile also outlines the individual's education and work experience, showcasing their ability to spearhead projects, optimize security solutions, and achieve outstanding results in various roles.
In-House	**GIS**	**ArcGIS Enterprise 10.9 and newer, ArcGIS Server 10.9.1 and newer, ArcGIS Portal Server 10.9.1 and newer, ArcGIS Online 4.24 and newer, ArcGIS Administrator** This profile represents an experienced draftsman and Geographic Information Systems (GIS) professional with a diverse skill set. The individual has directed teams, possesses extensive GIS knowledge, drafting skills in civil and architectural disciplines, and is proficient in data management, especially using Microsoft Office and Excel databases. Their education includes degrees in Drafting and GIS. They have worked as a Survey Instrument Technician, GIS Analyst, and Production Foreman with GIS responsibilities in the oil and gas industry. Additionally, they have experience in commercial fleet management, IT/technology support, fieldwork/testing, and administrative/accounting tasks. Their background also includes architectural drafting and design.

In-House	In-House Applications	.net and Oracle professional to align with the various professional involving case management, code enforcement reporting and violations system and the legislative portal.

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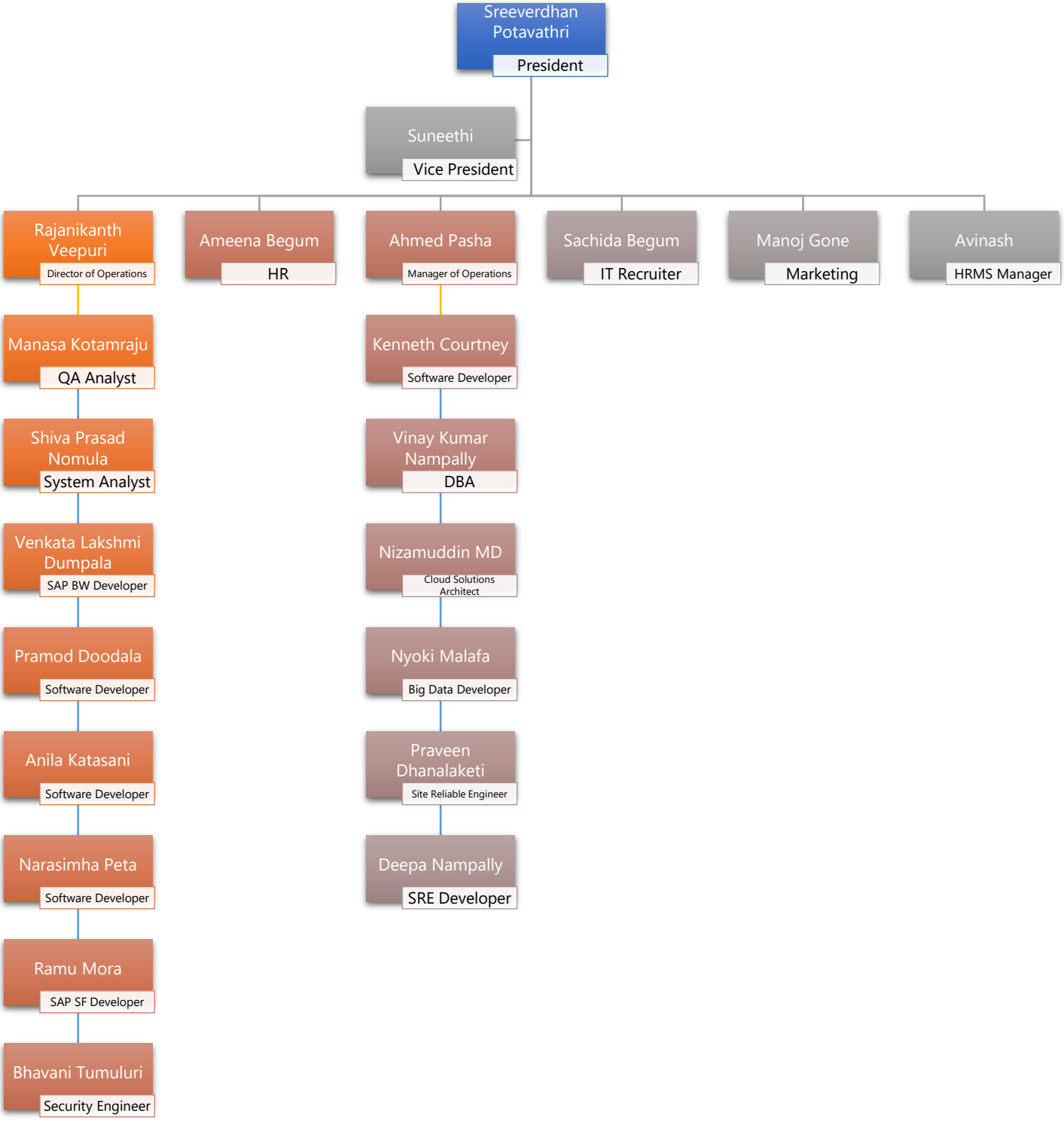
Quality Policy Statement

VA-Tech Services, LLC and Celersoft are dedicated to ensuring that we provide high quality innovative information technology solutions to government, education, non-profit and private industry clients. We strive to achieve commitment to tasks and deliverables through retaining high quality personnel and ongoing internal training programs. We are dedicated to service delivery in a responsive, cordial and timely manner.

Ray Veepuri,
Director of Operations

CELER SOFT
Driven by Talent

Organization Structure



William J. Navarre, CPP, CFE

11001 W. 15th Place # 145 Lakewood, CO 80215
Email: BNavarre@gmail.com Mobile: (703) 628-4641

Senior Sales Account Executive-SME

Dual Career Path with over 20 Years Results Oriented Leadership and $40M in B2B & Government Integrated Security Sales: Over 20 years of results-oriented leadership in loss prevention, asset protection, security, safety, investigations, risk management and $40M in B2B and Government security integration and SaaS sales experience. Expertise in engineering, business development, customer relations, project management, strategic planning, and organization.
Hybrid Security Integration Experience and Capabilities: Experience includes account representation, design build and engineering for complex government and commercial security installation projects.
Loss Prevention/Asset Protection Reduced Shrinkage from 6% to 1.3% of Sales: Effective leadership, policy and procedures development reduced shrinkage from over 6% to 1.3% of sales. Designed and wrote all policy and procedures for loss prevention and safety matters in compliance with local, state and federal statues and security processes.
Manages Complex and Collaborative Teams of 95+ People: Manages complex, collaborative direct and cross functional teams to execute physical security program, corporate loss prevention and safety programs. Achieved the best shrink numbers.
Developed Loss Prevention Courses and Trained 4000+ People: Prepared, developed and delivered several training courses for management and store staff addressing such topics as shrinkage control, awareness, investigations, and audits.
Trusted Partnerships: Monumental Sports and Entertainment; CSC; CACI; The MIL Corp; Artemis Properties; HITT Contracting; JP Morgan Chase; CBRE; USDA; USCIS; DOD-Army and DHS.
Industries: Security; Sports and Entertainment; Sporting Goods; Retail; Natural and Organic Foods
Certifications: ASIS-Lifetime Certified Protection Professional (CPP)(1983); National Association of Certified Fraud Examiners (CFE)(1989),
SaaS Experience-Lenel ACS, Gallagher ACS, Brivo ACS, Softwarehouse, Exacqvision, Milestone and Genetec video management ,software as a service (SaaS) sales experience..
Awards: Member of the TYCO "Centurion Club" for top sales production.
Clearance: Applied for Top Secret Clearance (Expected in 2022)

WORK EXPERIENCE

Sales Account Executive, ViaPath Technologies Inc.-Formerly-Global-Tel-Link-Inc.-GTL, Falls Church, VA 10/21-05/22

- Recently was assigned to cover Colorado, Wyoming, Kansas, North Dakota, South Dakota, Nebraska and Iowa.
- Concentration is on the sale of telecommunication tablets, SaaS products such as hosted voice, PaaS and IaaS to local and state correctional facilities located in these states.
- Company was re-branding after thirty-three years in business as Global Tel-Link-GTL.
- Extensive experience utilizing Salesforce Lightening CRM on a daily basis.

Senior Sales Account Executive, Netronix Integration Inc., Westminster, CO / Lanham, MD 10/20-9/21

- Business to Business and Business to Government sales of integrated security systems and services**.** Current quota to start is $500,000 gross profit margin.
- Recently closed a security integration project with a major government foundation memorial building project in Washington, DC. This win will open further opportunities in the Federal sector.
- Experience with Oracle Netsuite CRM for designing, engineering, planning and execution of sales opportunities.
- Utilize experience with video management
- CCTV VMS/SaaS and access control SaaS platforms including Lenel, Softwarehouse, Genetec, Gallagher, Milestone, Avigilon and Exacqvision.

Sr. Sales Account Executive-Subject Matter Expert (SME), Tyto Athene, LLC. (Black Box Government Services), Herndon, VA 09/2017-4/2020

- Negotiated and closed a million dollar plus security system integration at a secure government facility. Government customers included USCIS, State of Virginia Department of Corrections, and DHS and DoD.
- Expertise in engineering physical access control systems (PACS) such as Lenel-S2, AMAG, Gallagher, Brivo and HID. Engineered access control and security video upgrade solution using DoD FIPS-201-2 government standards.
- Competencies in video management systems SaaS (VMS) such as Avigilon, Axis, Exacqvision, Genetec and Milestone.
- Engineering experience of multiple intrusion detection systems (IDS) such as Honeywell, Bosch and DMP.
- Reduction in force due to Covid-19 pandemic.

Senior Sales Account Executive, Protection Systems Inc., DBA Security 101 Bowie, MD
12/2016-09/2017

- Business to business sales, $1.5M in quota revenue annually, of integrated security systems including Brivo, Softwarehouse, Kantech, Genetec, Exacqvsion and BriefCam to commercial, education and government customers.
- Cultivated customer and vendor relationships with Raytheon, Sentara NOVA Medical Center, The New Zealand Embassy, Embassy of the Ivory Coast and George Mason University. Focused on business development and engineering.

Security Division Sales Manager- Project Manager, Wycliffe Enterprises Inc. DBA Power Comm. Lanham, MD
08/2014-12/2016

- Security integration projects for government and commercial sales; managed all aspects of the sale including project management, design, build and all engineering facets of the project. Recent successes include The American Enterprise Institute, Twitter DC, The Embassy of the Ivory Coast and several USDA remote office location remodels.

Security Sales Account Manager, Truland Service Corporation, Alexandria, VA 2/2010-07/2014

- Engaged in business-to-business sales of integrated security systems, valued at $10M.
- Developed customer relationships and established new clientele to consistently meet annual sales quotas of $1.5M to $2.0M, including Lockheed Martin, Monumental Sports and Entertainment, CSC, CACI, The MIL Corp., Artemis Properties, HITT Contracting and JP Morgan Chase.
- Company declared bankruptcy and closed.

Commercial Sales Account Executive-Contractor, Signet Technologies, Inc., Beltsville, MD 09/2010-12/2010

- Negotiated and closed US DOS multi-year multi location contract estimated at $1.2 M for IP closed circuit cameras to be deployed in foreign countries, included integrated CCTV systems customer service and procurement in South America.
- Contract work.

Commercial Sales Account Executive, ASG Security, Inc., Beltsville, MD
06/2009-08/2010

- Assigned to the State of Virginia territory, executed integrated security systems sales and service contracts to meet quota and productivity measurements including life safety fire systems, access control, intrusion detection and integrated closed circuit television systems requiring the submission of detailed scope of work and engineering responsibilities.

Commercial Sales Account Executive, ADT Security Services, Springfield, VA
09/2005-05/2009

- Executed sales and service of electronic security systems, including intrusion detection, access control, closed circuit television, fire protection and life safety systems to commercial businesses in the assigned territory in compliance to all state, local statutes, ordinances, company policies and procedures.
- Sales production to established quotas and requirements. Member of the "Centurion Club" for top sales production.

EDUCATION

Bachelor of Arts, Western Michigan University, **Kalamazoo, MI**

PROFESSIONAL MEMBERSHIPS, COMMUNITY INVOLVEMENT, OTHER ACTIVITIES

- **CERTIFIED PROTECTION PROFESSIONAL, CPP- ASIS-AMERICAN SOCIETY FOR INDUSTRIAL SECURITY- LIFETIME MEMBER**
- **CERTIFIED FRAUD EXAMINER, CFE- THE ASSOCIATION OF CERTIFIED FRAUD EXAMINERS-LIFETIME MEMBER**
- **LICENSED SECURITY TECHNICIAN- DEPARTMENT OF CRIMINAL JUSTICE SERVICES-DCJS-CURRENT FOR THE STATE OF VIRGINIA**

Former Member of the Loss Prevention/Safety Committee of the Food Merchandising Institute; Red Cross Volunteer; Team Rubicon Emergency Response Team Member

Thomas Winders

Chesapeake, VA 23322
thomas.winders@gmail.com
(757) 581-4533

I am a military veteran with over 28 years of Cybersecurity experience working with and for the Department of Defense (DoD) and the Defense Industrial Base (DIB). I have an extensive background in Cybersecurity Operations Management, Enterprise Security Architecture Engineering, Security Control Compliance Validation, DoD System Security Certification and Accreditation, DoD Technical Systems Training, and System Security Administration (Firewall, IPS, SIEM, DLP, EDR, and PKI CA server).
I hold Cybersecurity Professional, Manager, and Systems Auditor certifications. I am also a certified Defense Information Systems Agency (DISA) Command Cyber Readiness Inspection (CCRI) Reviewer and approved National Security Agency (NSA) Trusted Integrator.

Work Experience

Director of Cybersecurity and Product Certification

Global Technical Systems (GTS) - Virginia Beach, VA
May 2016 to April 2023

Former Managing Director of Cybersecurity and Product Certification for Global Technical Systems (GTS), encompassing over 200 networked users located at multiple sites in the U.S. As Director, I managed a team of cybersecurity engineers on all aspects of cybersecurity, including systems and communications protection, system & information integrity, disaster recovery, incident response, access control, audit & accountability, risk assessment, vulnerability management, configuration management, security assessment, security awareness and training, media protection, security control implementation, and policy development.

In my product certification capacity, I managed all GTS defense product cybersecurity certifications including Federal Information Processing Standards (FIPS), National Information Assurance Partnership (NIAP) common criteria, and Commercial Solutions for Classified (CSfC) certifications, necessary for U.S. Government sales.

I also managed the GTS product development team in designing, integrating, testing, and documenting, advanced security solutions to meet the ridged federal standards to process national security information.

My Accomplishments included:
• Established a highly effective corporate cybersecurity program strategy focused on NIST control compliance, which significantly increased the company’s DoD Supplier Performance Risk System (SPRS) score, which is heavily factored in determining DoD contract awards.
• Received NSA Trusted Integrator (TI) Status by meeting all the knowledge and experience criteria necessary to architect, design, integrate, test, document, field, and support Commercial Solutions for Classified (CSfC) Solutions for the U.S. Government.

• Effectively managed corporate cybersecurity incident response by ensuring each incident was properly investigated, documented, reported, and remediated.
• Utilizing knowledge of the NSA NIAP Processor Equivalency rules, I saved GTS more than $300,000 in lab testing fees by claiming processor equivalency in the GTS product line with those utilized by Aruba ArubaOS for NIAP testing. This strategic move enabled the GTS NXGEN-L product line to be featured on the NSA NIAP Evaluated Products List (EPL) and CSfC Components List websites, expanding product sales to the U.S. Government.
• Developed a GTS Cybersecurity Training and Certification Program to train and qualify GTS cybersecurity personnel for cybersecurity job functions, such as security monitoring, vulnerability management, wireless monitoring, penetration testing, and static/dynamic application security testing. The program was very effective because it incorporated focused training, mentorship, and qualification standards.
• Collaborated with the GTS IT Manager to implement enhanced protective measures, such as Endpoint Detection and Response (EDR), Multifactor Authentication (MFA), Data at Rest (DAR) encryption, Data Loss Prevention (DLP), and Cloud Security Monitoring, significantly increasing our cybersecurity posture and program maturity.
• Led development of the GTS Technical Integration Lab (TIL), to provide a controlled network service environment for designing, developing, integrating, and testing GTS defense products and solutions.
• Conceived and led the development of the GTS Virtual Cyber Range, to provide GTS cybersecurity staff with a virtual cyber training environment to practice threat detection and develop incident response workflows. Developed primarily with open-source software, the cyber range greatly improved our threat detection and response capabilities at little to no additional cost to the company.
• Adopted Corporate use of the Cybersecurity & Infrastructure Security Agency (CISA) Cyber Security Evaluation Toolset (CSET) for documenting and monitoring system accreditations and security control compliance status. The tool substantially decreased the time required for security control assessments and provided a dependable means of tracking, gathering, and retaining control compliance evidence.
• Adopted the use of the Office 365 Phishing Attack Simulation Training Tool to train employees on how to detect and respond to phishing and ransomware attacks. Within three months, we saw significant improvement in user response, making this tool invaluable in fortifying our defenses against email-based attacks.
• Developed a Configuration Management (CM) Plan and Process that incorporated Microsoft SharePoint and Microsoft Outlook to automate the change request submission, review, and approval, process. This simple automation significantly reduced change request processing time by providing users with a corporate portal to submit and track change requests and associated documentation. It also incorporated digital signatures for the request approval process and provided a great means of tracking reviewer comments and approval status.

Information Assurance Specialist IV

FGS, LLC - Norfolk, VA
July 2015 to May 2016

Contract supporting the US Navy Commander, Operational Test and Evaluation Force (COMOPTEVFOR), Norfolk, VA.

Responsible for planning and executing Cybersecurity Operational Test and Evaluation (OT&E) of military digital systems and personnel aboard U.S. Navy ships during fleet exercises.

My accomplishments included:

• Completed the COMOPTEVFOR Operational Test Director (OTD) course required to perform Cybersecurity OT&E
• Assisted in the development of a comprehensive OT&E Test Plan to test the cybersecurity operational readiness of both systems and the ship's crew.
• Served as the Cyber Security Data Collector / Observer, onboard the USS Gonzalez during the U.S.S. Harry S. Truman Strike Group Composite Training Unit Exercise.
• Developed a method to efficiently capture and parse massive amounts of machine data by developing batch scripts to break up and convert large PCAP files for indexing by Splunk.
• Performed forensic analysis of data collected during cybersecurity testing to validate test results for the OT&E report.

Senior Information Assurance Engineer Space & Naval Warfare Systems Command (SPAWAR)

Super Systems Inc. - Norfolk, VA
September 2014 to June 2015

Contract supporting the US Navy Space & Naval Warfare Systems Command (SPAWAR) Norfolk, VA

Responsible for conducting cybersecurity security assessments of the Military Sealift Command (MSC) Afloat System Baseline applications and networks to support security accreditation.

My accomplishments included:
• Developed a virtual software testing environment to test MSC applications, utilizing a variety of commercial and open-source cyber penetration testing tools.
• Successfully integrated a Wide Area Network (WAN) emulator into a virtual test environment to effectively simulate ship-to-shore satellite communications required for application testing.

Information Security Analyst 4

Honeywell Technology Solutions Inc. - Washington, DC
August 2014 to September 2014

Short-duration contract supporting the US Federal Emergency Management Agency (FEMA), Washington, DC

Provided Independent, Verification and Validation (IV&V) of NIST cybersecurity controls, in support of FEMA system security accreditation.

My Accomplishments Included:
• Completed system security certification testing of FEMA Headquarters Network in support of cybersecurity accreditation.
• Verified FEMA Headquarters Network architecture and developed accurate system architecture drawings for use in system accreditation documentation.

Principal Information Security Analyst and Information Systems Security Officer (ISSO)

General Dynamics Information Technology, Inc. - Suffolk, VA
April 2013 to August 2014

Contract supporting the U.S. Joint Staff J7, Suffolk, VA

Performed Security certification and accreditation of Joint Staff J7 IT Systems and applications under the DoD Information Assurance Certification and Accreditation Process (DIACAP) framework. Performed Vulnerability Management of both classified and unclassified Joint Staff networked systems and applications.

My accomplishments Included:
• Streamlined the system IA accreditation process by directly importing vulnerability scan data from the Assured Compliance Assessment Solution (ACAS) into the Enterprise Mission Assurance Support Service (eMASS)
• Increased the security of in-house developed software applications by implementing the HP Fortify Static Code Analyzer (SCA) to analyze source code at various stages of the development and working with the developers to track and correct the vulnerabilities.
• Implemented the J7 Certificate of Networthiness (CoN) Process to provide a means of assessing the security of software applications being added to the Joint Staff J7 configuration baseline.

Information Assurance Analyst

Falconwood, Inc. - Norfolk, VA
January 2012 to April 2013

Contract supporting the U.S. Navy, FLTCYBERCOM Office of Compliance and Assessment (OCA).

Performed Command Cybersecurity Readiness Inspections (CCRI) of U.S. Navy ship and shore commands located around the world. Performed Host-Based Security System (HBSS) reviews, documented results, and assisted in command inspection debriefings.

My Accomplishments Included:
• Conducted CCRIs on three Navy-Marine Corps Intranet (NMCI) Network Operations Centers (NOC), five U.S. Naval Ships, seven U.S. Naval shore commands, and two National Aeronautical and Space Administration (NASA) facilities.
• Developed and implemented virtualized training lab to facilitate HBSS CCRI Reviewer training and developed methods and tools designed to decrease the time required to perform security reviews of the DISA HBSS.

Information Systems Security Engineer

TechGuard Security, Inc. - Remote
August 2010 to December 2011

Contract supporting the Military Sealift Command Headquarters (MSCHQ).

Performed comprehensive Independent Verification & Validation (IV&V) Inspections of MSC systems and sites, in support of DIACAP annual Information Assurance reviews and the Federal Information Security Management Act (FISMA) reporting requirements.

My accomplishments included:
• Planned, managed, and documented, all IV&V Inspections ensuring minimal impact on system operations and personnel.
• Integrated DISA Security Content Automation Protocol (SCAP) tools and STIG Checklists into the IV&V Inspection Process, greatly increasing process efficiency.
• Developed an IV&V Tracking and Reporting Database to document and track site IA Control compliance and provide metrics for compliance trend analysis.

Principal Information Security Analyst and ISSO

General Dynamics Information Technology, Inc. - Suffolk, VA
May 2006 to August 2010

Managed a small team of Information Assurance Engineers in the implementation of the Joint Advanced Training Technologies Laboratory (JATTL) Information Security Program. I provided subject matter expertise on all matters related to Information Assurance (IA), including system Certification and Accreditation (C&A), Security Engineering, Computer Network Defense (CND), and IA policy.

My accomplishments included:
• Designated the ISSO by the Joint Warfighting Center (J7) Designated Approving Authority(DAA).
• Successfully implemented and managed the Host-Based Security System (HBSS) on classified and unclassified lab networks per Joint Task Force - Global Network Operations (JTF-GNO) directives. This was the first USJFCOM HBSS Virtual Machine implementation, to increase the reliability of HBSS.
• Managed all lab network security systems and configuration, including firewalls, network IPS, Log Server, and HBSS security services.
• Improved audit and accountability by implementing a log management server to consolidate lab network monitoring traffic, and aid in log review and archival.
• Developed local IA plans, policies, and procedures governing the laboratory that enhanced operational security and augmented technical security controls.
• Implemented virtual machine technology to make better use of limited system resources, provide increased redundancy for critical services, and provide a means of testing system changes before deployment in a production environment.
• Received General Dynamics "Spot Bonus Award" for sustained superb performance throughout the year.

Education

Course Completion Certificate in C4I Systems Engineering

Fleet Combat Training Center - San Diego, CA
July 1995 to August 1995

Course Completion Certificate in Computer Security Specialist Course for Information Assurance Managers

Marine Corps Computer Science School Quantico - Quantico, VA
October 1993 to November 1993

Course Completion Certificate in Fundamentals of Total Quality Leadership

Naval Guided Missiles School Dam Neck - Dam Neck, VA
August 1993 to August 1993

Course Completion Certificate in Information Security in the 90's Protecting Your Networks

Computer Security Institute - Virginia Beach, VA
April 1993 to April 1993

Course Completion Certificate in Instructor Basic Course A-012-0011 (NEC 9502)

Naval Guided Missiles School - Virginia Beach, VA

August 1985 to September 1985

Course Completion Certificate in Nuclear Weapons Refresher Training for CG AND DD Class Ships

Nuclear Weapons Training Group Pacific - San Diego, CA
July 1983 to August 1983

Course Completion Certificates in Data Systems Technician Class "A" School

Combat Systems Technical Schools Command - Mare Island, CA
September 1980 to March 1981

Course Completion Certificate in Basic Electricity and Electronics Module 1 - 34

Naval Training Center Orlando - Orlando, FL
May 1980 to August 1980

High school diploma in Business administration

Ralph L. Fike High School - Wilson, NC
August 1976 to May 1978

Skills

- Security Operations Center (SOC) Management (1 year)
- Vulnerability Management (10+ years)
- Risk Management (10+ years)
- Port, Protocol, and Service Management (PPSM) (10+ years)
- Public Key Infrastructure (PKI) Certificate Authority (CA) Management (6 years)
- Network IOS configuration & administration
- Enterprise Cybersecurity Architecture Design and Implementation (10+ years)
- Operating System (OS) Secure Configuration (10+ years)
- Network Virtualization and Administration (10+ years)
- Network Packet Analysis & Fuzzing (7 years)
- Static Application Security Testing (SAST) (10+ years)
- Dynamic Application Security Testing (DAST) (10+ years)
- Machine Data Analysis (3 years)
- Network & Host-Based Firewall Implementation & Administration (10+ years)
- Virtual Private Network (VPN) Implementation & Administration (7 years)
- Data Loss Prevention (DLP) Implementation & Administration (7 years)
- Security Information & Event Management (SIEM) Implementation and Administration (6 years)
- Active Directory (10+ years)
- Information Security (10+ years)
- Network Security (10+ years)
- NIST Standards (10+ years)
- Disaster Recovery (10+ years)

- Linux (3 years)
- Microsoft Windows (10+ years)
- Network Monitoring (10+ years)
- System Administration (10+ years)
- WAN (10+ years)
- Incident Response
- Security Analysis (10+ years)
- Encryption (10+ years)
- SQL (2 years)
- DHCP
- LAN (10+ years)
- System Security (10+ years)
- Microsoft Windows Server (10+ years)
- VMWare (10+ years)
- Cloud Computing (3 years)

Military Service

Branch: United States Navy
Service Country: United States
Rank: E-6
March 1980 to March 2000

- Data Systems (DS) Technician
- Technical Course Supervisor / Instructor
- Leading Petty Officer
- Information Security Officer

Certifications and Licenses

CISSP - Certified Information Systems Security Professional

January 2003 to January 2024

Certification #: 42611

CISM - Certified Information Security Manager

April 2014 to December 2023

Certification #: 1425282

CISA- Certified Information Systems Auditor

December 2011 to December 2023

Certification #: 1194466

Groups

National Security Agency (NSA) Commercial Solutions for Classified (CSfC) Trusted Integrator (TI)

June 2016 to Present

NSA Trusted Integrator (TI) Status was obtained by meeting all the knowledge and experience criteria necessary to architect, design, integrate, test, document, field, and support CSfC Solutions for the U.S. Government.

NSA General Purpose Computing Platform (GPCP) Protection Profile (PP) Development Working Group

April 2022 to December 2022

NSA Industry working group to define requirements for general Purpose Computing Platforms National Information Assurance Partnership (NIAP) Common Criteria Testing.

Information Systems Audit and Control Association (ISACA)

December 2011 to Present

ISACA is a professional membership organization committed to the advancement of digital trust by empowering IS/IT professionals to grow their skills and knowledge in audit, cybersecurity, emerging tech, and more.

International Information System Security Certification Consortium (ISC)²

February 2003 to Present

The International Information System Security Certification Consortium, or ISC2, is a non-profit organization that specializes in training and certifications for cybersecurity professionals. It has been described as the "world's largest IT security organization"

Additional Information

Cybersecurity Management Skills
- Security Operations Center (SOC) Management
- Vulnerability Management
- Cybersecurity Personnel Training
- Port, Protocol, and Service Management (PPSM)
- Public Key Infrastructure (PKI) Certificate Authority (CA) Management

Cybersecurity Engineering Skills
- Cyber Threat Analysis
- Cyber Forensics
- Vulnerability Analysis
- Enterprise Cybersecurity Architecture Design and Implementation
- Windows, LINUX, Operating System (OS) Secure Configuration
- Network Virtualization and Administration - VMWare
- Network Packet Analysis & Injection
- Application & Protocol Fuzzing
- Static Application Security Testing (SAST) - HP Fortify

• Dynamic Application Security Testing (DAST)
• Machine Data Analysis - Splunk
• Network & Host-Based Firewall Implementation & Administration
• Virtual Private Network (VPN) Implementation & Administration
• Data Loss Prevention (DLP) Implementation & Administration - Trellix, Microsoft Office 365 DLP
• Security Information & Event Management (SIEM) Implementation and Administration - Solarwinds, Splunk
• Network Device secure configuration
• Intrusion Prevention System (IPS) Implementation & Administration
• Wireless Intrusion Prevention System (WIPS) Implementation & Administration
• Mobile Device Management (MDM) Implementation & Administration
• Python Coding
• Machine Language coding - Ultra-32

Steven Alexander Schroder: Classical & Emerging Disruptive Technologies
Sr. T-Platinum Consultant 21SME

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Email: stefano.sipp@gmail.com, michel.angel090919@gmail.com
LinkedIn: **https://**www.linkedin.com/in/stevenalexanderschroeder/ Updating
Mobile: 623 734 2149

Availability: “1 Week with notice; Immediate”

Sr. SAP Platinum Consultant Polyglot Executive Leadership Visionary Management – Subject Matter Expert 21	**Years of Experience**
• *Engaged ‘hands on’, in over 150 + Integration, Migration successful Go-Lives globally including many at inception during the RFI RFQ, RFP selection process created using AI Algorithm scorecard profiling of each RFP vendor response based on Q&A score card metrics ratio % per SI System Integrator per SW, HW, Vendors, Integrators score card metrics ratio % per SI System Integrator i.e. per SW, HW, Vendors etc., leading to selection process and project start into execution to successful end migration Go-live. (Example: Examples of Generic Template due to NDAs, on Skillset and SME and project as to ‘Proof of work’, upon request and signed ‘offer letter’.* • *Lead Teams of 10 – 100 plus in global implementation beyond budget scalability over $ 10 Mil in the emerging and disruptive technologies i.e. HANA, S/4HANA, BLOCKCHAIN, Smart Contract, Cryptocurrencies, Exchanges & Wallets, SAP BW + VORA + NLS SQL IQ and/or DT (Dynamic Tiering), SAP MDM / MDG 6.1 – 9.0, SAP GCP, AWS E2+E3 (Since 2006, 2011 Present), AZURE HDL +Security +Stack Integration / DevOPS, SAP HANA + GCP + SAP + EIM > SDQ + SDA > SPARK CONTROLLER/SPARK WIN 2012/R2 + HDP 2.2 HDP-CLOUDERA, , HPE Microfocus CM (Content Manager), SDM (Structured Data Manager), CP (Control Point), Intellicorp Live compare, SAP BO PAL (Predictive Analytics Library) + R Development Classification and Regression comparative models for SPARK vs. VORA statistical timestamps etc.,* • *Alignment of Program manager with Project Leaders of each areas of Integration, migration, infrastructure, architecture, security, governance and compliance with legal and regulatory, developers and sponsors, steward’s owners of data up to leadership and board CEO, CTO, CIO, COO. ALL to be align and kept up to date with proper communication as to who owns what, why, when , how and progress with goals of completion of phases and a state of 3 levels of contingencies with proper level of SLA agreements of 2 stages to make sure that each of these areas of Project levels are align with proper protocols of Architectural TOGAF Architecture Framework and Agile as an example that is to be determined at project and framework of centralized vs. decentralization architecture.* • *Budgetary, principals, licensing, redlining, negotiations, proposals all part of exposure c-level management executive management leadership role type expertise engagement along with SOW, subcontractor, fixed bid offer and many other type contractual types packaged, created and developed per client’s discretion and my suggestion per Industry, sector, t technology, country, governance, tax code etc.,* • *Language support in translating bi-lingual language in creation of RFI, RFQ, RFP, SOW, Sub-Contractor Agreements, Legalistic vernacular interpretation of all executive from (ERP) OEM Original OEM (Original Equipment Manufacturer) - HW/SW – (SAP), (DELL), (HP), (IBM), (AWS), (GOOGLE), (CONTAINERS-CLOUD), (HSM – Thales e-Security & Gemalto), (ECM) – OPENTEXT, EMC Info Archive – PBS Add-on + PBS-Client, (APIs), Standards Security ENC: (FIPS 140 2-3) (NIST) (NSA) (ISO) (EU GDPR # 679) (CICS)*	**27**
SAP HANA & S/4 – ILM DT NLS SQL IQ (Aging) Performance / Optimization & HADOOP ETL LEONARDO MDG AWS ML BLOCK • *HANA BW - Delivery (Client Facing) – 4 projects since 2011* • *S/4 HANA - Finance delivery (Client Facing) – 2 Projects Since 2015* • *SAP BW NLS SQL IQ - Since 2015* • *HANA/HADOOP VORA, SDA, SPARK Integration, Migration Production Go-Live- 2015* • *SAP Info Steward – Since 2001* • *SAP SLT / ETL – Since 2001* • *SAP NLS SQL IQ – Since 2011* • *SAP ILM Information Life Cycle Management + EU GDPR # 697 (BLOCK) Integration of ‘Block’ Integration of EU ‘Sensitive’ Data In Lieu of Compliance Mandate pre-May 25, 2018 – Since 2011* • *SAP NLS SQL IQ + DT (Dynamic Tiering) – 2014/2015* • *Optimization and Performance ratio specialist below 50 % recommended 50 % Recommended Main Memory Threshold – Since 2011* • *SAP BO PAL (Predictive Application Library) using R + Expert AI Algorithms Modeling i.e. Classification, Compression + 100 others etc., Since 2014/2015* • *SAP Data Services (SDS) – Since 2011* • *SAP VORA (In-memory) developer VT (Virtual Tables) integration with SPARK with R+ Expert Level AI Modeling i.e. Classification, logistic regression, Naïve Bayes, k-nearest neighbor. Regression i.e. Polynomial, exponential multiple linear regression - 2014* • *SAP LEONARDO – ML, BIGDATA (HANA/HADOOP) and PAL (Predictive Analytics) – R Modeling using i.e. AI Algorithm classification, regression and others … (To Include in Subsequent Future Resume 2.5 Year Project in Progress with Sub partner) – NDA (See: Sr. SAP Platinum Consultant Perform at Sempra Similar HANA/HADOOP + VORA + SPARK+ PAL + R Comparative Analytics).*	**SAP HANA, S/4, ECC, BW, CRM & 3rd Party Tools**

• *SAP EIM (Enterprise Information Management): SDI (Smart Data Integration), SDQ (Smart Data Quality) and SDA (Smart Data Access), VORA SAPs In-memory Engine Creates VT (Virtual Tables) (Effects: Flash/Instant Dataset result Response) + SPARK + HADOOP i.e. ingestion, installation of VM (Virtual Machine) Architecture, Integration into 'Cutover' to migration production 'Go-live' -Since 2014* • SAP Predictive Analytics and Digital Boardroom – Installation, Integration with creation of Predictive Analytics using ML (Machine learning) design models data mining linear graphs, pie, charts to the Chairmen of the Board CEO, CTO, CIO, COO and Board Members in real-time – Since 2017 • HANA analytical modeler, developer i.e. attribute, analytics and calc views & SQL Functional developer and optimization models – Since 2011 • HANA administrator, performance expertise keeping 'Live' running at optimal avoidance of 'latency' based on metrics using HANA TREX Engine Model measurements - 2011 • (ACT) Activation & Agile SDLC, Project Methodology – 2015 **SAP ECC & BW** • *SAP R/2 (1992)* • *SAP R/3 (1992 – 2005)* • *SAP ECC 2005 - 2018 (Eph.08)* • *SAP MDM (Master Data Management) & MDG (Master Data Governance) based on (OIM) Object Integrated Master) Architecture Rel 6.1 – 9.0 – Since 1993* • *SAP CRM 4 – 7 2003 – 2007, 2017 Since 2003* . *SAP ILM Information Life Cycle Management + EU GDPR # 697 (BLOCK) Integration of 'Block' Integration of EU 'Sensitive' Data In Lieu of Compliance Mandate pre-May 25, 2018 –* **SAP - 3rd Party Application / Tools** • *Intellicorp – Live Compare Live Model since '2009', for Data Profiling Tools for mining, consistency de-duplication of dark data proofing', SAP EIM (Enterprise Information Management) – SDA (Smart Data Access) used in VORA Integration VT Integration to HADOOP, SDI (Smart Data Integration) and SDA (Smart Data Access) Profiling of Data quality, consistency, de-duplicates, variety, velocity, volume in HANA (Columnar) In-memory SQL IQ Database under integration of enterprise information management model.* • *Informatica ILM (Information Live Management) (DVO-Data Validation Option) I.e. Retiring data, (RM-Retention Management-Retiring i.e. legal holds, purging aged data), (US-Users Securities defines roles, classification authorization, Sys.Conf. Files, ILM.Server, OS. Servers), Ingestion of Structured vs. Non-structured data (Retirement/Profiling Systems) Since 2001 5.1* • *SAP PBS CL (Content Link) & PBS Add-on products for DVM (Document Volume Management) SAP viewing All Core Modules Post Archiving – Since 1993* • *SAP dimensional products and services as well as Non-SAP and 3rd Party products within the emerging and disruptive markets from an end to end solution perspective as follows: I. e SME Expertise in the Integration, Migration to Production cutover migration into Go-live of HANA with all top 3 Distro i.e. HDP / CLOUDERA and MAPR on HADOOP* • *HPE Microfocus ILM (CM) Content Manager – SDM (Structured Data Manager) for Structured and CP (Control Point) Unstructured Ingestion into CM for Application retirement- Since* • *ECM (Enterprise Content Management) OPENTEXT, EMC Info Archive, Lexmark Archive, PBS – CL, TJC Software, IBM Content Collector, Mobius, EASY SOFTWARE etc., Since 1996 IXOS /OPENTEXT* • *HADOOP Integration and Migration in SAP ECC, HANA & S/4 HANA on cloud, on-premise or hybrid on a centralized vs. decentralized if on BLOCKCHAIN - Since 2009(NDA)* • *BLOCKCHAIN Development using Linux (DLT) Decentralized Ledger Transaction) Project Smart Contract, Cryptocurrencies using custom development of Altcoins i.e. Ripple, Litecoin, Bitcoin Etc., - 2009(NDA)*	
SAP AI * (Artificial Intelligence) – Algorithms including ML, DL, NN and NLP ● *NLP (Natural Language Processing) (i.e. Narrative science, Digital reasoning etc.,). Integrated developed using NLP for Text Analytics in (i.e. Cove, Expert Systems, Indica, Kanime, Snapisfy).* ● Artificial Intelligence using Azure and DL Models Increasing FPGAs (Field Programmable Gate Arrays). Turbo Charge allows development via Azure AMP at Chipset code logic deterministic creative design level of programmatic model (Note: Visionary coding deciphers code logic within Azure ML HW AML Accelerate model% (percentage performed at maximum) rate during code logic set at 'compile' *. executable during DL Chipset event. ● *ML (Machine Learning) and statistical classical used along with bootstrap aggregating helped improve stability of classification accuracy, used random Forrest and neural networks. DL (Deep Learning) discovery deterministic evaluation per models for integration, migration development via ML Integrate (i.e. Sky tree, Microsoft, Amazon, IBM, SAP, H20.ai, etc., Fluid AI, MathWorks, Saffron Technologies, SAP, IBM exbased on the data mining generated from HW parametrization, measurements and metrics * in a centralized architecture using Chipset level profiling based on cores, blades that in designing a deterministic set of database reduction ratios based on AI compression algorithms i.e. regression, Boolean, shor's, models for optimization of overall reduction size of pre/post HANA migration for both row based and in-memory databases for SAP and Non-SAP using AI Optimization algorithms (i.e. for reduction of GPU (Graphics processing units) i.e. Google, Alluviate, Cray, Intel – Chipset (NDA) .* ● *Early adapter of AI (Artificial Intelligence) * with first generation tools 1980's during schooling in Computer science. CD (Code Development) in LISP (Artificial Intelligence) a variant to C, C++. Develop in IBM 360/2, HW, Design Architecture, (DLCC) Develop Life Cycle Code design in AI Digital using LISP DDP & 0-CFA (Pruning/Context Sensitive) Algorithms*	**30+ ***

designing a prototype assimilation set of studies on Neo-Cortex visualization models with LISP, SCHEME recursive machine symbolic computation using encapsulation policies of classification. Early App development in Assembler. * AI -Artificial Intelligence: 30 + years exposure since late 1980's at academia	
Quantum Computing – Using Quantum AI Algorithms ● *Developer analyst using Quantum circuit computations run in sequence of gates, us Algorithms via Superposition and entanglement layer performing Schur-Weyl transform memory ensemble* For C2 Identifier ● *N-qubits which are reversible at (unitary gate) vs. digital that are not as analyst performing validation in-progress at circuit board at four-qubit unitary gate initial, today at present 2018 -2025 in 'Double Digits'* ● *Quantum Theory & Researcher in quantum circuit model for quantum computing as a computational sequence of gates is further research, I am performing in determining impact in Cryptography i.e. encryption, symmetric vs. asymmetric vs. FIPS-140 2,3 vs. NIST Standards and others…* ● *LAB Designer developer/analyst of encryption Quantum Algorithm: Factoring - Speedup: Super polynomial, Quantum Cryptanalysis Speedup: Various, Searching Speedup: Polynomial. Deutsch-Jozsa, Speedup: Exponential over P, none over BPP, Linear Systems Speedup: Super polynomial, Graph Properties in the Adjacency Matrix Model Speedup: Polynomial, Quantum Counting Algorithm, shor's algorithm and Grover's algorithm 'inverting factor' as in 'searching database' for performance despite in Quantum leans more to solving 'collisions' used if more than one entry 'matches' in equation if known beforehand, used also to crack passwords as well in (Q) Cryptography.* ● *Development using MATLAB, NumPy, use for loops centric to store arrays, modification and seek data, leading Python lab tester as polyglot in use of C++ for Imports of packages for 'Use of Loops' use of arrays to store access and edit. Typically, via MATLAB due to rich API industry standard acceptance and governance on 'Speedups' Quantum superposition leading as Sr. Quantum Lab Theory & Researcher Analyst developer on a. performance, b. optimization, c. comparative impact analytical impact of digital to quantum binary (bit) to (superposition)* ● *Legal review establishing the digital current and future convergence of cryptography encrypted standards keys i.e. RSA 2048, AES-256 others … that will impact binary (bit) to the new futuristic (qui-bit) Quantum superposition Quantum new set of Cryptography Encryption standards Keys from a Standards, Governance, Policies, and other Governing bodies.*	**6**
BLOCKCHAIN & FinTech – Development Smart contract, Cryptocurrencies and Miner ● *BLOCKCHAIN Exchanges and development of Smart Contracts using Linux Distributed Hyper Ledger Project Foundation Framework and Peer Nova, REVE and Encryption Development of Cryptocurrencies i.e. Variety of Altcoins i.e. Ripple, Bitcoins, Litecoin, Ether, Development of Wallet, GitHub* ● *Development of Smart contracts and cryptocurrencies under decentralized framework i.e. Linux Hyperledger, Immutable Ledger* ● *Re-engineer i.e. wallets, encryption algorithms AES-256 i.e., digital signatures etc.,* ● *FINTECH Prototyped/Production Smart Ledger for (i.e. Stripe, Sofi, Oscar) and worked with CBOE (NASDAQ: CBOE) supported as SME of Bitcoin encryption developer/specialist allowed 1st Trade to occur. Integration of a truly immutable layer fully Hash # based secured encryption SHA256 in deploying intelligent Smart Contracts using (DLT), distributed ledger transaction in an on-cloud* ● *Miner SME using Blockchain core foundational paradigm of a decentralized framework i.e. Linux Hyper Ledger, R3CEV (Financial Markets), Peer Nova (Immutable Ledger) and others in creation of Smart Contracts and Cryptocurrencies using (ALTCOINS) Alternative coins i.e. Ether, Litecoin, Bitcoin and Prototyped/Production* ● *The Industry standard being decentralized with GitHub and many other Tools/domains in build out i.e. containers – dockers, Kubernetes on prem, on cloud and hybrid (centralized) split with (decentralized) pinning of BLOCKCHAIN* ● *Mining SME on designing latest innovation for companies that mine BLOCKCHAIN adding to that 'Genesis' block using as prototype/production i.e. ASIC (App Specific Integrated Circuit) devices i.e. Antminer, Avalon Miner etc., and GPU devices i.e. Nvidia GeForce GTX etc.,*	**10**
HSM (Hardware Security Module) & PKI (Public Key Infrastructure) using top HSM for proper Master key life cycle management • *HSM - Thales and Gemalto Integration of Key management and secure key FIPS 140:2,3 Appliance certification i.e. Gemalto Luna 7000 appliance others…* • *TDE (Transparent Data Encryption) databases i.e. Oracle 10g R2-12g R1. R2, MS SQL integration, migration to Go-live* • *Creation of (MK) Master Key governance, key life cycle management based on level of encryption symmetric ciphers use the same key both encryptions typically i.e. AES-256, and decryption also known as clear/plaintext vs. asymmetric ciphers i.e. public encryption using a different keys i.e. private owner and receipt public keys for encryption i.e. RSA-2048* • *Integration using Cryptography governance, standards, compliance and certification of i.e. FIPS 140-2,3 NIST, EU -PII, and EU GDPR # 679, PCI-SSC and HIPPA etc.,*	**12**

• *Integration of 'full encryption' at tablespace level using HSM crypto-key store at H/W appliance reserved in Key-vault, separate from encrypted data and on a certified FIPS 140 2,3 appliance* • *Exploratory build-out of Use case development into end to end HSM solution from Integration, Migration to Go-live having a legal 'proof of work' association producing 'Attestation', in event of data at rest/motion is legally 'contested'.*	
EU GDPR (Government Data Protection Regulations) # 679 • *Project Managed, profiled via DPIA, Developed, Engineered, Created and lead organizations to successfully having proper standards of governance around EU Government Data Protection based on the # 99 articles outlined on the mandate # 679 code date in place by May 25, 2018.* • *Develop and presented Successful Use Case making the case in over 6 successful projects pre the EU GDPR deadline in working with global clients and across the multiplicity of streams within the organization structure of both technical i.e. data centric to database , storage area, infrastructure, security, architecture, integration groups), then governance (i.e. DPO, policies, PII (personal Identifiable Identification), compliance, legal, Data stewards/owners, regulatory policies etc.,) – These are all the areas that by far and large are involved at most of these integrations.* • *Most of these clients were due to 'Breached' during 2017/2018 and thus under NDA but the same procedural preemptive / post measure recommendation made via tools i.e. ATP (Advance Threat Protection) and T&V (Threat & Vulnerability) in some cases as warranted based on the vulnerabilities and infrastructure and/or its weakness. Successfully managed, assessed and recommended several that had 'sensitive data 'falling under the EU GDPR # 679 guidelines and a robust recommended set of options and solutions provided to each client in compliance with EU 'sensitive' data based on the discovery of production data of PII (Personal Identifiable Identification)* • *Created standards and compliance that I recommended based on ATP, T&V and EU 'sensitive' data and any potential future threat based on a set of solid KPI's established early on based on DPIA (Data Protection Impact Assessment) perform prior to any 'vulnerability' that would expose a client's 'sensitive' EU PII data. Note: Post compliance, the recommendation is to have GDPR re-evaluated quarterly based on new 'threat' and 'vulnerabilities' by 'cybersecurity' specialist who can perform early detection DPIA and establish any new and all 'attempt' since last DPIA, is the recommended approach for the enemy is always changing and so is technology.*	**6**
● ***Cybersecurity – Expertise in Reconnaissance, ATP, T&V, and Application Security, Infrastructure Protection and IAM*** ● *Security Operations & Incident Response (Forensics/eDiscovery, Incident Response Automation, Security Information and Event Management (SIEM)* ● *Cybersecurity encryption within HSM (Hardware Security Module) Thales & Gemalto Integration of Master Key Integration with Gemalto Luna 7000 FIPS 140 2,3 NIST Compliant per encryption standards of (KM) Key Management in (KV) Key Vault, per (PKI) Public Key Integration Standards end to end Integration Migration into cutover to Production Go-Live, H/W All Cybersecurity Tools and (T&V) Threat Vulnerability Tools i.e. SIEM (Security Information and Event Management), DDOS (Distributed Denial of Service), etc., to MK Key Vault FIPS 140-2,3 H/W Appliances using ATP (Advance Threat Protection). Cloud Access Security Brokers (CASB) using NetSkope as a Leader beyond 2018 speculatively speaking, Among top research groups top choice and leader for Cloud Access Security Software leader. Intellicorp – Live Compare 'Data Profiling Tools for mining, consistency de-duplication of dark data proofing', SAP EIM (Enterprise Information Management)* ● *Last 10 Clients my recommendation Technically speaking assisting the 'trustworthiness vs. risk association of users against sensitivity of data the strongest tools and those I have recommended prototyped then integrated for Cloud Access Security Brokers (CASB) are NetSkope, Symantec, McAffee, Bitglass, - for each delivered strong in the Integration, Migration area around the 4 pillars and foundational paradigms of Cloud based access security, around namely a. visibility of trustworthiness and risk association of user(s), b. data enforcement rule based 'classification' of level of sensitivity of data and privilege based on a that particular users profile 'Unwanted activity', Lead the DIP for it's were policies are applied thru rules or controls that prevent, block, alert and quarantine a user that is considered a 'Risk' in a DLP (Data Loss Prevention) threat scenario, Developed ICAP or RESTful API Integration* ● ISO/IEC27002:2013 and ISO/IEC27001:2013 Standards, Policies, Governance and Compliances per Industry standards per Sector/Industries. Risk, Compliance and Security Management, creating bottom up threat analysis with full compliance product security end to end infrastructure best of breed product that fits and aligns tactical ● AI (Artificial Intelligence) using Azure and DL Models Increasing FPGAs (Field Programmable Gate Arrays). Turbo Charge allows development via Azure AMP at Chipset code logic deterministic creative design level of programmatic model (Note: Visionary coding deciphers code logic within Azure ML HW AML Accelerate model % (percentage performed at maximum) rate during code logic set at 'compile' *. executable during DL Chipset event. This is another expertise specialty of 'Chipset' coding logic, led by Mr. Steven Alexander and his team to clients globally ● *Execution of long-term vision of scalability of 21st Digital Centralized / Decentralization P2P – Cloud based vs. Hybrid & Open systems with IAAS (Infrastructure as a Service) paramount being a key 'vulnerability' 1 of 21 NDA part of part of 'Discovery' during ISA&D (Information Security and Design)* ● *ATP (Advance Threat Protection) & T&V (Threat and Vulnerability) i.e. pre/post foot printing, enumeration, sniffing, SQL injection, social engineering via avoidance of i.e. trojan, virus, worm, phishing and 100 + ways unethical hacker known as black hat can infiltrate.*	**17**

- ✓ *Data & Collaboration Security DLP (Data Loss Prevention), Encryption, etc.*
  - *End Point Security (Anti-Malware, IDP (Indenty Provider), Intrusion Prevention, Policy Assessment using as example Juniper Networks, for on-cloud on prem using vendors i.e. Secure AUTH*
    - *Identity, Ping Identify, or for Opensource using i.e. Cierge provides email authentication as my recommendations, and finally for commercial recommend i.e. Auth0 Note: examples only*
    - *Application Security (Penetration Testing, Vulnerability Assessment/Management, Web Application Firewall I.e. Barracuda, SAAS, Web Threat, etc.)*
    - *Infrastructure Protection (Active Directory, Network Access Control NAC, Network Intrusion Prevention etc.)*

- *Identity and Access Management (I&AM) Plus more…*
- *Reverse Engineering + Assembler/Assembly at CPU + INTEL Chipset * Kill Switch Algorithmic AI Algorithmic encryption language C/C++, machine language, api's codepage/kernel compiler Key based Encryption Algorithms for Private keys vs. Public keys ciphers i.e. AES-256, RSA-2048, SHA=256 etc.*
  - ✓ *Tools used in Cybersecurity over 16 + years as part of diversity of engagements mostly those that have been 'pen-penetrated' or 'breached. Note: This information, is not to endorse or recommend the use of any of these tools solely for demonstrating what is used in fighting Cybersecurity on a global scale. See: (Cybersecurity Laws in Place – per state). Some tool names changed for obvious reasons and/or encrypted under NDA*

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Web Vulnerability Scanners ● AppScan ● Burp Suite ● Firebug ● Grendel-Scan ● Nikto ● OWASP Zed ● Paros Proxy
Vulnerability Exploitation Tools ● Beef ● Core Impact ● Netsparker ● Sqlmap ● WebGoat
Forensic Tools ● Autopsy ● EnCase ● Helix3 Pro
Port Scanners ● Angry IP Scanner ● NetScanTools ● Unicornscan
Traffic Monitoring Tools ● Argus ● Nagios ● Ngrep ● NtopSplunk
Debuggers ● GDB ● IDA Pro ● Immunity Debugger ● WinDbg
Rootkit Detectors ● DumpSec ● HijackThis ● Tripwire
Encryption Tools ● KeePass ● OpenSSH/PuTTY/SSH ● OpenSSL ● Tor
Password Crackers ● Aircrack ● Hydra ● John the Ripper
Web Vulnerability Scanners ● AppScan ● Burp Suite ● Firebug ● Grendel-Scan ● Nikto ● OWASP Zed ● Paros Proxy
Vulnerability Exploitation Tools ● BeEF ● Core Impact ● Netsparker ● Sqlmap ● WebGoat
Forensic Tools ● Autopsy ● EnCase ● Helix3 Pro
Port Scanners ● Angry IP Scanner ● NetScanTools ● Unicornscan
Traffic Monitoring Tools ● Argus ● Nagios ● Ngrep ● NtopSplunk
Debuggers ● GDB ● IDA Pro ● Immunity Debugger ● WinDbg
Rootkit Detectors ● Dumpster ● Hijack This ● Tripwire
Encryption Tools ● KeePass ● OpenSSH/PuTTY/SSH ● OpenSSL ● Tor
E Password Crackers ● Aircrack ● Hydra ● John the Ripper

- ***CLOUD: On-premise, On-cloud vs. Hybrid*** *

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(Note: Focus Sample: Azure Security Center, Antimalware, Encryption Integration, Data Factory ADL Architect. Note 2: Original Team AWS 2006,2011)

- *AZURE Security Center: - Integrated subscription-based policies across i.e. Patches, Baseline rules, ACL/ADL on Endpoints, Web app firewalls and next generation applications, Bit locker,*
- *Security at network groups, Encryption via TDE (Transparent Data Encryption) for SQL Database NOTE: TDE is also supported in Oracle since 10g – 12c R2*
- *Prevention detection per level of severity across VM resource health check i.e. VM, NETWORKING, SQL and application Managed security alerts per 'Detection' levels High, Mid and low severity*
  - ✓ Managed resource prevention status i.e. VM, NETWORKING, SQL and Application at Hierarchy level of security tiered level 'activated' or 'open'
  - ✓ Performing ATP (Advance Threat Protection) in ASC (Azure Security Center) potential vulnerabilities and threats are exposed by profiling 'active' VM subscription areas of concern corrected i.e. reboot pending post patches applied, baseline mismatch, potential SQL injection, , at the data collection using Azure 'Antimalware' in VM lake identifying and removing i.e. viruses, spyware, ransomware, spyware, malicious software with 'pre-configured' alerts in event via sniffing in avoidance of IDP intrusions at weakest endpoints a VM that is not 'active' and/or not 'secured by policies' within ASC security center.
  - ✓ Integrated, migration into go-live also RCSM (Risk, Compliance and Security Management across on prem on cloud SAP/Non-SAP AWS E3/E4 and 5 and Google On-cloud.

• *Microsoft Antimalware* for Azure Cloud Services and Virtual Machines ✓ Real-time protection - monitors activity in Cloud Services and on Virtual Machines to detect and block malware execution. ✓ Scheduled scanning - periodically performs targeted scanning to detect malware, including actively running programs. • Malware remediation - automatically acts on detected malware, such as deleting, quarantining, cleaning up malicious registry entries. AZURE Encryption Integration, migration of products data 'at rest/in motion', configurated integrated migration i.e. purpose of security identify i.e. symmetric vs. asymmetric key type and strength with purpose, Secure infrastructure of TTL/SSL Transparent layers security, infrastructure i.e. TL/SLL – Transport Layer and Secure sockets layer used mostly as I integrated into a more security 'safe zone', of symmetric crypt ion security, advanced Encryption Standard of (AES-256) Azure Data Factory is the platform that solves such data scenarios. Integrated in creating *cloud-based data integration service that drives data-driven workflows in the cloud for orchestrating and automating data movement and a key KPI is always the data consistency, data integrity in establishing that 'single version of the truth', during and post data transformation.* *NOTE: Using Azure Data Factory, you can create and schedule data-driven workflows (called pipelines) that can ingest data from disparate data stores from all distinct varieties upwards of a 1000 diverse file type structures based on Unicode vs. codepage vs. O/S release of application, firmware down to the core events that drive CPU Chipset algorithms mirrored at the assembly machine language of megabits / megabytes theorem. It can process and transform the data by using compute services such as Azure HDInsight Hadoop, Spark, Azure Data Lake Analytics, and Azure Machine Learning which is vastly enhanced with a set of key algorithms for a diverse set of source application needing to be ingested into the ADLA.*	
• ***SAP MG (Master Data Governance) & MDM (Master Data Management) MDG 6.1 - 9.0 **** • *(Profiling, Enrichment, Data Harmonization process joining incongruous data-sets development, by means of transformation into a common table scheme of representation pre-join., Data cleansing, De-duplication in archiving the (Single version of the Truth) includes Dark data,* • *SAP Info Steward, BODS (Data Services) includes SAP SLO (System Landscape Optimization).* • *3RD party tools help facilitates expediting profiling using Intellicorp-Live Model and Live Compare.* • *SME MDG – OIM (Object Information Model), BRF (Business rule framework), Classification of data ETL / ELT, establishing 'Single version of the truth' as Golden client goes 'live' into production* Note: Lead Projects as Sr. Solution Architect using 3RD party external tools such as Intellicorp i.e. Live compare and Live model integration and migration which provide also a different purview of data cleansing, data transformation, selection, profiling in establishing also that 'Single version of the truth' for structured data and unstructured as well as machine or semi-structured data.	**26**

, U.S, APAC, EMEA, LATAM **Feb 18 – Mar 18 & Jun 18 – Jun 19**

Position: Sr. Advisor Role EU GDPR # 679, SAP BW / HANA TDE ORA 12c + HSM (Hardware Software Module) Thales e-Security Encryption specialist Integration Migration Specialist Threat & Vulnerability, Reverse Engineering C/C++, SIEM and (Ethical White Hat – Hacking) using NSA techniques Penetration for 'Deterministic' evaluation of 'vulnerabilities'

Responsibilities: lead as Sr. Solution Architect, Integrator and Migration Specialist of EU GDPR # 679, T&V, HSM (Hardware Security Module) Gemalto & Luna FIPS 140 2-3 Certified Encryption Appliance storing (MK) Encrypted Master Key from TDE Database. Lead T&V, GDPR and TDE full end to end Migration into Go-Live Production. Selected and recommended product vendor per industry best practice Lead, each clients and met the May 2018 deadline to be in compliance of 'blocking' any 'EU Resident': EU GDPR # 679, SAP BW / HANA TDE ORA 12c + HSM (Hardware Software Module) Thales e-Security Encryption, Integration Migration Specialist Threat & Vulnerability, Reverse Engineering C/C++, SIEM and (Ethical White Hat – Hacking) using NSA techniques Penetration for 'Deterministic' evaluation of 'vulnerabilities'. Below naming it for the Public by name a U.S Company since there was no T&V or attempt of 'a threat' attempt while performing pre/post my work can mention them, performed full blueprint, discovery, integration, migration, cutover to production Go-live into Hyper-care including Gemalto FIPS 140 2-3 Luna 7000 Appliance Key-Store (Vault) Master Key (MK) Integration from SAP to Gemalto H/W Kernel to Luna 7000 API Certified FIPS device private (Encryption.Secured.Line), Lead Teams on GDPR, Data Stewards, Governance, Policies, Defining PII-Private Identifiable identity vs. 'Sensitive' GDPR 'EU Citizen' data that would fall under any of the 99 Articles 'contained under the 80 pages of GDPR # 679 General Data Protection Regulation' Mandate' considered sensitive and having 'non-disclosure as it primary rule until In avoidance of its fines. Lead H/W, S/W of BW Upgrade , OS Linux to Solaris, TDE 11 to 12c R1 2, Created Industry Best Practice as to Creation of Tools to create MK Master Key as to Create, Delete, Purge, Archive Replicate etc., Master Key Life Management PKI ….also led and owned reverse engineered 3 SIEM (Security Information Event Management) infrastructure programs to position 3 clients to avoid overt entry points in their infrastructure, of SEIM APIs as new designs in Penetration for Space surveillance using Hawkeye 360 global RF Analytics, Geolocates signals VHF to Ku-band, NSA/Ghidra reverse engineering KIVU – Lead preemptive and pre-breach and during analysis post completion incident remediation services part of discovery, Preemptive pre-breach post incident analytics lead and technical integration, responsible with C-Level and presenting guiding leading, making as a Industry Investor and Industry speculator working owning each project budget, SI System Integrators, Vendor partner, Building relationships of Scope, Approach, Strategies, Product, Integration, Migration Use Case and Globalization of Futuristic Build-out of respective Application based on governance, standards, policies, compliance driving by business requirements, my job at each client was to use the diversity of my talents both technical, functional and leadership as visionary and futuristic thinker in helping solidify the use of existing infrastructure and create 'Magic, in bring each client up to speed as seamless as possible into the digital age of emerging cloud based. Dealing at C-

level, SI System Integrator, Vendor, Offshore Onsite Recruiters, OEM SW/HW I.e. SAP, IBM, HP, etc. and Client CEO, CTO, CIO, COO, Steering Committee, Director Level, Leadership – All Level and leading all Workshops, Steering Committee Bi Weekly, C-Level Updates, Vendor RFI, RFQ, RFP & Legal Transliteration since have Legal background from Legalistic terms to business English and did Scrum/Standup daily updates to entire team, served as Project Manager 30/70 % and Switched as required as a Polyglot consultant in other engagements the 70/30 % Technical / Project Management to get the job done for since 8 believe there is ' Nothing that is impossible that can't be possible, since the starting line for me is always a blank sheet of paper as a developer or creator called the Starting line, as told to mentor # 2, Mr. JOBS'

, MN **April 18 - May 18**

Position: Sr. SAP Platinum Polyglot Consultant – Forensic Review of Microfocus HPE: ILM Architect, Ingestion, Stack based 79 Retirement Legacy Apps Review of Current/Future State of i.e. Structured/Unstructured datatypes Go-No-Go Integration into Migration Implementation SME Certification

Responsibilities: *Lead Technical Review and Forensic 'deep dive' into entire BCBS Microfocus ECM (Enterprise Content Management) CM, SDM and CP, Architecture of current vs. future (ILM) Information Life Management) state.* In lieu of the 15 open tickets 'blockages, and serious delays and setup issues of current teams lack of integrators expertise being 'stuck' at the 'ingestion' using Microfocus (SDM) Structured Data Manager 'Structured data', the corrective steps as follows. Review of 15 Open Tickets, immediate recommendation to latest release upgrade of SDK to 7.5.2 Microfocus, Redesigned Ingestion process creating new rules smaller intake of 'dataset' volumes, Adding solution diagram placeholders. Redesigning new data sources, XML Formats to CIS, JDBC, and variety of connections for proper protocol alignment of communication of protocols. Lead (CP) Control Point legacy unstructured validation ingestion adding HPE Data Flow narratives. Updated SD and included direct CIS/IMS access via SDM. As part of the Lead SME expert recommended key metrics in each stage of architectural for the current size to process the current 'ingestion' into Dev/QA current state to 'Future' in which 79 Legacy 'retired' applications would reside per HIPPA, NIST with full encryption integrated seamlessly protected into the Microfocus HPE: CM ECM (Content Manager) Enterprise Content Management) Global Solution for BCBS globalization of retired applications in accord to HIPPA and many other policies, governance, compliances that are in place for the retiring of healthcare 'sensitive' electronic' documents once they have reached end of life. getting process and overall sizing, API certification, API chipset certification of release and future impact to H/W digital to cloud on-prem to cloud migration impact analysis study review, ingestion issue, open tickets issues open and resolution, OEM Issues, immediate remediation of making client fully aware of deficiencies and how to address with action items immediately as next steps with a Project plan, scope, approach, strategy, and implementation phased approach for future Phase II IN Late 4TH Quarter 2019.

, KS **Oct 17 – Jan 18**

Position: Sr. SAP Platinum Consultant – Sr. Solution ECC 5.0 'Project in Flight', Architect & Migration Specialist SAP HANA, OPENTEXT, SAP Content Server, SAP ILM EU GDPR # 679 'Blocking' sensitive data functionality

Responsibilities: Duties involved during an on-going In-Flight project upgrade from SAP cERP ECC 5.0 - 6.0, ORA 11g/R2 -12c then migration into DB HANA. In lieu of this In-Flight project the goal for me as Sr. SAP Platinum Consultant was to deliver two project deliverables as outlined below. The 1st project was to design and deliver the greatest amount of database reduction possible using standard SAP functionality along with SAP ADK, purge Logs, deletion programs along with HW, SW metrics, that can be used to quickly ingest into intelligent emerging technology for the greatest possible level of vetting measurement reduction based on specific metrics extrapolated from SAP into AI Algorithm into ML, DL among *others doing so with the least risk, causing zero impact and in time delivery ready to go fully validated prior to cut-over and migration of DB Oracle 12c to HANA, resulting in providing a resulting set of how much (TB) would we reduce, The 2ND Project engagement was to develop 2 Use Cases based on alignment of SPIRIT EIM (Enterprise Information Management) existing architecture that can be further expanded using OPENTEXT and take the old i.e. SAP Content and replace it with the new OT integrate it performing discovery seeking ingestion of classification of data type structures establishing quickest wins of structures i.e. structure vs. unstructured vs. semi-structure-machine vs dark data and many other 1000 structure types + and integrate into to ECM (Enterprise Content Management) making it all into 1 Heterogeneous global common Governance platform as the 'Single version of the Truth' fully life cycled, data volume, managed and in full compliance i.e.* DOD (NIST SP 800-171, DOD – (DFARS Case 2013–D018) , A&D (SICS ™) # RT0201 Category: Discussion and Analysis: Data Security - RT0201-05*, that was the end game of my engagement.* See how achieved*:*

The following are responsibilities performed on 1st project deliverables as to approach, strategy and tactical execution to achieve the results of reaching 2.4(TB) which was presented to SPIRIT CTO and Director level Leadership along with SI System Integrator and management that attended the presentation delivered as to setting the proper expectations of how we would achieve massive reduction with zero impact, maximum results. The approach and presentation format were designed with answer first and question later. Meaning, in all 150 clients I have giving presentations a good 98.9 % like to have immediate answers upfront and not hear 'fluff' for 50 minutes than last 10 Q&A. So, the approach, based on intent. The answer Slide 2, - was 2.4 (TB) DB reduction. How Achieved? for I use AI not only in BLOCKCHAIN, SAP LEONARDO, S/4HANA, Encryption, Cryptography but for last 19 years even for SAP Data Archiving as alluded to on page 1 during interview with AMR Researcher Paper of 1999. How Performed, See below:

First part of Engagement was to create a create greatest amount of quickest reduction possible with zero impact massive reduction choice using emerging technologies of AI as follows

- Designed and architected a robust set of KPI's using 'emerging and disruptive' technologies i.e. AI, Predictive Analytics models using i.e. classification, regression, Boolean algorithms using language i.e. Python, R, C/C++ extracted top data structures along with all BASIS 'parametrization' down to Codepage/Unicode from SAP HW & SW to design
- Create a set of metrics and measurements extracted from SAP ERP cERP 5.0 and i.e. heap, I/o, CPU Chipset, Unicode, codepage, clock speed, cache and many other parametrizations within SAP ECC 5.0 prior to upgrade to 6.0
- Used H/W along with App layer stack SAP measurements with DDIC tables statistics of indices vs. Kbytes conversion into hex vs. binary open.doc vs. closed.doc vs. dark data OIM vs. du-duplication vs. inconsistencies vs. incompletes
- Comparative analytics of type of data across different app layers across diverse set of applications EIM, ECM, ECC as to classification data type i.e. structured data vs. unstructured vs. Simi-structured, vs. dark-data/phantom vs. orphan
- Deep dive at app layer via Forensic app layer of connectivity of 'Process flow 'chain' see what is in a 'broken' state 'why a document is Open vs. it not just being Open due to OIM (OPEN ITEM MANAGED) Which will not be eligible to Archive, unless that model's G/L account is changed to close, for OIM G/L rule based by default do not archive as example)
- Deep dive on external H/W of parametrization to download off to Sr. Platinum Consultants laptop for AI algorithm analytic and modeling of all metrics related to I. kernel compiler i.e. I/o, heap, cache, (*&^ENC-(NDA) Chipset INTEL Info), -
  - H/W - Tweaking settings thru a serious of deep dive analysis of HW parametrization on. heap, I/o, cache, memory, swap, codepage and many others…
  - H/W – measurements chipset algorithmic calculation and (&^(NDA) and many others…
  - *AI (Artificial Intelligence*) - ML, DL and cursory review of chipset algorithmic calculation of SAP App.servers' clock. speed vs.&%$(NDA) vs. *bus. Speed* vs.*&%&(NDA) and other metrics/measurements extrapolated from SAP using AI Algorithms in creating models to accurately predict the greatest level of possible reductions at database 'footprint' 'reduction ratio % models', less baseline % in database <> denotes increase performance, less 'latency' <> full compliance increase optimization 1 year online base avg. So, innovation pushing the technological envelope being and thinking different or always believing that the impossible is possible. (NOTE: Performed a final hybrid design post original presentation using Quantum Grover Compression AI Algorithm converting to digit equating results conversion to almost 63.5 % reduction of database as a possibility as a Footnote)

Second part of Engagement was to create a set of Use cases around existing Heterogeneous architectures thinking of future expansion of existing EIM (Enterprise Information Management) OPENTEXT to store EU GDPR 'Sensitive Data in compliance to using the new functionality in ILM for 'Blocking EU centric to placing into a 'safe zone' in compliance with the GDPR General Data Protection articles that mandate making sure 'business that do have EU Citizens' PII data 'must be in compliant by the May 2018 deadline or face severe penalties if the data is 'breached' and becomes vulnerable. See, examples below:

- *Design Use Case # 1 - SAPs ILM always riding the tide of new innovation releases the much anticipated EU GDPR # 697 regulatory 'Block' functionality in December 2017, and SPIRIT being one of the 1st customers to recommend it use case after having vetted its functionality based on the classification rules vs. 'blocking' of EU Citizen PII (Personal Identifiable Identification) 'sensitive' data that would have to be protected based on the mandate that this mandate going into effect on May 25, 2018 would be an appropriate fit as a Use case selection. (Note: See Use Case # 2, below:)*
- *Designed Use Case # 2 – SAP ILM has matured since Release 7.0 for several years now but the latest release has finally come of age to where a full cycle has caught up to where full digital age compliance using digital age APIs that can speak to OPENTEXT Archive server advance hosted set of APIs can take full advantage of exception seamless execution not only of legal holds, classification of data business rules from setting up the business rules that would defined the a. residence times of how long business document i.e. sales records, billing, delivers, purchase order and other would stay in SAP online and the rest once 'business complete would be 'archived ' or removed ' or copy off to a repository' but still available not permanently purged or destroyed until they reached full 'EOL' end of life.*

ebay, TX **Jun 17 - Jul 17**

Position: Sr. HSM (Hardware Security Module) Integrator and Migration Specialist ORA 12c Solaris 11. with TDE (Transparent Data Encryption) Encryption, AWS E3

Responsibilities: SAP, its Partners and Gemalto HSM (Hardware Security Module) Were asked to come and support the post EBAY internal decision of its May 2017 Go-live to encrypt SAP ECC 6.07 StubHub (BRIM) - Billing Revenue Information Management system consisting of 3 Tablespaces of 650 (GB) which were not properly integrated using Gemalto Luna SA 7000 Appliance. The industry standard would normally store the (MK) Master Keys used to encrypted the TS Tablespaces that contain the Tables to each Tablespace and have a 'secure encrypted line from SAP ECC O/S Wallet Directory were the M/K are stored 'safely' until they are auto-pushed once they are complete with each completed encryption of that last table specific for its respective Tablespace. These keys would normally be stored via this 'connected encrypted safe secured line to a Gemalto Luna 7000 fully certified with encryption certification of the highest in industry set at FIPS 170 2, 3 in each Tablespace. The MK since the ORA.SQL was not properly configured on the SAP ECC 6.07 side at the O/S level the key was still in the Wallet Directory. Thus, Post Go-Live SAP and Gemalto Stop support and had an SME come in and evaluate and create a strategy since now a 'risk' had been created having the MK Master Keys at the IFS file system level creating a 'potential' threat if 'breached'. Thus, 'time', was the greatest issue at this point in that several other areas had to be addressed or upgraded, validation of all Cryptographic standards is in place, Compliance of EU GDPR and PII have been meet, other security standards of FIPS, Key Life Cycle Management and Revoking etc. The Following is that Strategy of Discovery a deep 'dive Technically speaking was the immediate recommendation in lieu of 'breach' of not following proper integration 'protocol' of placement of MK (Master key) into a certified HSM (Hardware Security Module) done by 100 % of clients integrating ORACLE TDE Encrypting using

MK Master key encryption on Oracle (TS – Tablespaces). Thus, the following deep dive was performed at the completed infrastructure, Hardware, Architecture of Gemalto including its Gemalto Luna 7000 FIPS 140 2, 3 Certified Encryption SV (Safe Vault) zone are for proper placement of Master Encryption Keys, see immediate validation, See below:
Created the following Strategy for this fix and upgraded as a recommendation of all components to be in full compliance as part of the standards of current TDE Oracle Database 12c R2 as part of the approach and to make sure that the MK Master Keys that are residing in the IFS will be properly configured in ORA.SQL and connected via encrypted via 'Gemalto Luna Pipeline' Appliance FIPS 140 2, 3 making sure end game total upgrade of all core components and MK in Luna KV Key Vault

The following is the complete set of deliverables of A. Installation, B. Configuration, C. Integration into UAT, into D. Migration into 'Cutover; Leading to Successful E. Production 'Go-Live' and 'moving' of MK Master Key to Gemalto Luna 7000 Appliance fully vetted compliant under FIPS 140 2, 3:

- Created a set of (3) scalable Agile based Project Plans for TDE DB, OS upgrade and proper configuration of Gemalto Luna 7000 'Pipeline' from SAP ECC 6.07 to the Gemalto FIPS 140 2,3 appliance
- Created and delivered a separate set of deliverables an SBS Step-by-step on upgrading TDE Oracle 11g R/2 to Oracle 12c R/2
- Created and delivered procedurally how to upgrade OS Solaris 5.2 to Solaris 11 step by step, Upgrading OS Solaris 5.2 to Solaris 11
- Developing a set of Instructions based pros vs. cons on each tool used in TDE Encryption of Oracle and SQL, this project was for TDE Oracle 11g R2 to 12c R2 and thus that was the deliverable, and focused on the usage and proper variances of properly using each toolset to encrypt, manage, and properly store (MK), in FIPS Gemalto Luna 7000 appliances and the proper removal from the O/S Level residing at the IFS Level within a separate Directory then the encrypted Tablespaces as part of Industry best practice as the recommendation made to eBay.
- Provided PKI Public Key Integration of private vs. public key symmetric i.e. AES-256 vs. asymmetric encryption i.e. RSA-2048 and the use of digital signatures along with encryption methods of compliance of PKCS # 1-12,
- Developed a set of PKI tools definition and process as to providing industry Best Practice - What TDE Oracle Encryption tools to create Master Keys, change Revoke keys, Destroy Keys, Replicate lost Keys, Key Life Management etc.,
- Providing Industry Best Practice on Encryption tools used to create i.e. wallets, configure ORA.SQL, Key Life Management Cycle including principals of PKI
- Delivered Key pieces of 3 diverse versions of Project workplans summary vs. detail different from Project Plan of integration migration into production with Go-Live in using Gemalto product i.e. Gemalto SafeNet, Gemalto SA Luna 7000
- Solution Architected entire DB, OS, Upgrade, HW of Gemalto Luna 7000 Luna Appliance and vetted the FIPS 140 certification of encryption at the Connectivity of 'Secured line', Upgrade of DB, OS and Master (PKI) Public Key Infrastructure, Key Integration of Key Life Cycle Management, Encryption using i.e. AES-256, RSA-2048, SHA256 etc.,

, U.S, APAC, EMEA, LATAM **Feb 17 – May 17 & Aug to Sept 17**

Position: Sr. SAP & Non-SAP Platinum Integrator SAP SLAN, Cybersecurity - International Threat Analysis Encryption with Penetration, SME HSM (Hardware Security Module) - Thales security & Gemalto + Hack the Hacker # 1 with global recognition Intel 18 Year(s) EU *, Blockchain (Bitcoin(NDA), Ripple, FinTech, Smart Contract developer, Coin Miner, Wallet Distro P2P Designer, Visionary, Futuristic Thinker, Integrator, Migration, (Special & Non Classified Assignments) Encryption Technical Integrator/Migration SME with EU GDPR # 679. DB: Oracle, MSSQL, DB2, BIGDATA Expert NoSQL-Cassandra, MongoDB, AWS E2-E3 & Hybrid with SAP HANA, EIM > SDI, SDQ, SDA – SAP VORA + PAL Predictive Analytics RLIB R AI Algorithms i.e. 6 S/4HANA, SAP GCP, PKI, Key Life Management, FIPS, Chipset AI Algorithmic Shors vs. Grocer's superposition quisi-quantum reverse engineering binary system encryption RSA 2048 Private vs. Public key design on crypto key management.

Responsibilities: Evaluated and profiled existing infrastructure threats of intrusion along with development using AI-Artificial Intelligence ML (Machine Learning) models to illustrate the various methods of 'penetration' in support of customers experiencing 'breach' 'intrusion' in that capacity performing infrastructure and data profiling using i.e. ATP, DDoS, NAC, VPN, DNS, Threat Intelligence as examples of areas reviewed based on level types of store vs. methods of compliance, regulation, policies internal to client vs. industry standards for solidification of designing a robust set of industry standards around Cryptographic steward compliance protocols i.e. (FIPS 140-2,3 NIST, EU -PII, and end to end integration of (6) EU GDPR # 679 establishing accountability and governance framework, creation of key roles within clients organization, project plan leading into DPIA (Data Protection Impact Assessment) of scope, approach, strategy, integration and migration to successful Go-lives. Reviewed PCI-SSC, HIPPA, NSA, Encryption methods of pseudo choices of key declaration with end to end security of encryption 'data having highest valuation' then integration of the industry's top T&V (Threat & Vulnerabilities) software thus recommending an enforcement of proper compliance based on 'Value of Data vs. Risk Association' factors that determined the scope, approach, strategy, and measure integrated to avert future vulnerabilities. SAP SLAN SAP Lease administration by NAKISA performing (POC) & Analytics. Performed Encryption algorithms supporting clients in need of ciphers that are more Quantum based algorithmic verses digitized algorithms using Grover algorithms that can use superposition factors at the 2nd layer at chipset (NDA), developing clients on APIs libraries independent outside of opensource for optimization space prior to deployment of Top HSM (i.e. Thales and Gemalto) using Crypto engine (NI) AES-256 and new i.e. CPU Chipset Intel Haswell EP/EX, , Intel Ivy Bridge, Intel Broadwell EP/EXE7 development in Crypto C++, Python, development and others… (NDA) of specialized performance based on type of encryption cipher used in private / public key management driving by level method of database and level type of encryption either column and/or tablespace. Complete Integration of Thales e-Security and Gemalto HSM Safe Net/Luna Appliance with Vormetric installation, integration, and migration with successful Go-Lives in lieu of early 2017 Classification per Industry as the year of the Malware/Ransomware (i.e. WannaCry) via Bitcoin, May 12th Affecting 150 countries key play of reverse engineering, Kill switch lead developer (NDA).

KOHLER, WI **Nov 16 – Jan 17**

Position: Sr. SAP Solution Architect & Integration Platinum Consultant – SAP ERP ECC 6.07, BW7.5/HANA SP12 (Data Aging/Performance), CRM 7.0, MDM, PBS-CL/PBS Add-on, TJC Software, AI Algorithm Measurements and Project Managed,

Responsibilities:

As Sr. SAP Solution Architect & Integrator Re-Architected Kohler's current SAP data management strategy specific to scope, approach and strategy creating a new DVM (Document Volume Management) set of robust innovative standards and guidelines that will reduce overall database 'footprint' as much as 20 – 60 + % percent based on AI Algorithm metric/measurements created during the initial discovery of Kohler's 20-year-old Production environment when archiving went live in 1996.

Re-designed current data management scope in lieu of a yearly 2.4 + (TB) database growth and having over 100 million documents in 'open' state since 1996 original Go-Live. Due to mergers, acquisitions, consolidation of companies and explosive growth the current data management model had no reduction impact or real traction thus redesigned a new scope, approach and strategy with metrics/measurements that would get Kohler below the 50 % database baseline prior to and in preparation of 'HANA Readiness' migration in immediate future. I created a set of 3 options developed via AI Algorithm called 'Process and Time' a series of metrics/measurements that would improve and introduced new innovative ways to reduce data, create consistency of data, remove de-duplication, improve reengineer of process flow, enable complete object base automation, added over (35 – 50), new Techno-Functional objects, reduce residency by increasing retention post Kohler Leadership, business lead and end user sign-off. Managed retention via ILM precepts along with NLS SQL IQ, HADOOP and PBS-CL options with Architecture and logic integration in lieu of future 'HANA Readiness'

Introduced via Integration Kbyte size volume metrics, established (GB/TB) size reduction % per FYR vs. CC vs. PP vs. Open/Closed vs. OIM vs. Incomplete vs. In Error vs. Phantom Data discovery, identified over (74) Z_Table Development, ADK/REO statistical session purging, forensic business process flow checker process and algorithm, realignment of residence vs. retention vs. business rules vs. policies compliance vs. data identification of 'null data / phantom'.

Created / Architected MDM / MDG data management governance around clients 'rules' and 'policies' around master i.e. material, financial, business partner centric to a. de-duplication, b. data veracity, c. data consistencies/inconsistencies and d. data volume as the primary driver of creating that foundational paradigm of central governance as a current/future project of establishing that 'Single version of the Truth' with MDM/MDG Techniques prior to future 'HANA Readiness'

Created / Developed retirement strategy of DART 2.7 Tax Extraction tool in lieu of replacement with TJC Software RJCAEC - Audit extraction cockpit, TJCFRGL - France Tax Audit Tool - International audit compliance single prod instance,

Upgraded ADK (Archive Development Kit), ARC-IS (Archive Information System), AE – Archive Enabled SAP Transaction codes to read data from ADK via OSS, Custom ABAP/4 Development, along with PBS-CL Release API's C++ Binary Libraries, Connectors, Designed New EOL 'End of Life' Model

MDM / MDG Incorporated industry practices around Master data management and governance around principals of data consistency, data cleanup, data de-duplication, forensic data review of process flow for 'open business doc and open item management G/L accounts' with data volume management per industry best practices. OIM Object Integration Model for the following domains i.e. Mater, Customer, Vendor, and Business Partner

Participated, Lead, presented via Workshops Data Aging techniques for BW on HANA and Classical Archiving for CRM 7.0 and ECC 6.05.

Lead designed discussion on integration strategy using PBS-CL (Content Link 'Light' ECM) in parallel with several options in preparation of future HANA migration i.e. introduced options using NLS SQL IQ, SAP IQ, HADOOP via MapReduce, Yarn and HDFS (HADOOP Data File System) from top 3 HADOOP Distributors i.e. HDP (Hortonworks Data Platform), CLOUDERA and MAPR along with options of PBS NLS SQL (Columnar)

Re-Modified / Recommended Global RRS (Records Retention Schedule Template of SLA (Service Level Agreement) for residence vs. retention vs. destruction-based data policy in lieu of antiquated RRS (Records Retention Schedule) for SAP statutory business document compliance and business requirements

Re-designed PBS-CL (Content Link) Production edition for NLS (Nearline Storage) for SAP business document 'Life' of document at retention level and 'EOL' beyond total retention with document classification as needing to be a. Prune/Purged/Destroyed and/or b. Re-stored to Tier # 3 – 'Life Documents' to be kept forever policy on 3rd Tier commodity servers being SAP Archive Link certified per SAP (PAM) Product Availability Matrix listing in the event a view is requested post retention 'life cycle' this requirement would be part of overall design and integration the concept of 'cradle to grave' would be in play at this client for 'Forever' document classification.

PMO/PM – Project Managed – Reporting to Kohler Leadership via Dashboard updates, daily scrum, and weekly status. Managed team of over 10

TBC CORPORATION, FL Jupiter **Nov 15 – July 16**

Position: **Sr. SAP Solution Architect & Integration Platinum Consultant – ECC 6.05 on a DB02 Databases, EMC Info Archive, Designed DVM (Document Volume Management) Scope, Approach NLS (Nearline Storage) Strategy & Integration, Designed models SAP IQ, Reviewed HDP Options for COLD Store as Options HADOOP, MDM – Master Data Management, IntelliCorp Live Model and Live Compare, HPE-QC (UAT) Toolset**

Responsibilities:

As Sr. SAP Solution Architecture and Integrator created DVM (Document Volume Management) strategy on scope, approach with innovative techniques using new SAP data management strategies incorporated for both (Cold-Store) 'aged' rarely viewed vs. (Warm-Store) 'seldom viewed' data with Integration of EMC Info Archive Solutions.

Created robust set of data management industry best practices for master data consistency and transactional data volume growth, aging, and destruction based on ILM (Information Life Management) tiered approach for SAP ECC 6.05 structured and non-structured data with full retention management, decommissioning of data and/or its destruction via EOL (End of Life) policies defined, created, and signed off by TBC Leadership and business using HP-QC UAT Toolset.

Designed metrics and measurements using AI ML (Machine Learning) models in AI algorithms based on data volume vs. growth projection, vs. codepage/Unicode vs. Kbyte size of header record and many other KPI's include in designing a robust data management strategy around the various types of data structures and types i.e. data veracity vs. data de-duplication vs. data quality, data governance and data volume of structured vs. non structured data for transactional, control and master data type constructs in (FI-Financials) 3.4 (TB) vs. (SD-Sales & Distribution) 1.925 (TB) growing the fastest rate factor along with all other 8 Core functional areas contained with a set of metrics that produced a 58.9 % overall reduction from 10.5 (TB) to 4.8 (TB) baseline in lieu of future HANA – S/4HANA migration based on AI Algorithm 'Process and Time' metrics created using custom C++ Libraries, R, Python constructs models converted into XLS.* as 3 – 5 options were provided to TBC Leadership that could choose from based on how aggressive they want to be in there overall data volume management prior to S/4 HANA migration. Consultant recommend most aggressive to achieve results they desired due to new / additional plants going live and new business expansion.

Master data key KPI were established using IntelliCorp Live Model / Live Compare tools for the establishment of the fundamental question of establishing a set of high-level governance and stewardship of the rules, business requirements and data quality of master data quality to be included as part of the overall reduction of SAP ECC 6.05 database 'footprint in. The AI Algorithms metrics/measurements created had to include master data domains i.e. customer, material, vendor, since often the clients focus is centered when it comes to a Data Management project on the volume instead of on the quality of the data. My job was to establish to some degree a level of rules around masters to understand for example why this customer had over 700,000 Materials older than 7 years never being modified and considered what I term as 'Stale data'. The architecture thus included all types of data structures in SAP ECCO 6.05 transactional, control as well as masters in attaining 'massive' baseline reduction % from the AI algorithm set of metrics/measurements designed.

Transactional, control and masters in SAP ECC 6.05 (LOT) along with Imaged (i.e. Blogs, Binary) attached invoices as an example i.e. Financial accounting document were included as part of the overall scope, strategy, architecture in establishing feasibility of sizing actual vs. projected growth of database size and volume.

AI Algorithms were developed around several paradigms of measurements and definitions captured at the a. DDIC - Table level, b. Database (Kbyte) rec.size, c. Unicode, d. Codepage, e. Open SAP documents per Process flow, f. OIM (Open Item Managed) G/L Accounts, g. Data duplication factor(s), h. Dark Data inclusion – defined as 'no value-data' that is either 'orphan' as not having an owner or steward and/or 'stale' data represented by data that has not been modified for at least a period of 7 years. The fact is that based on the profiling and enrichment that was produced via IntelliCorp Live Model and Live Compare tool I also found 'unrecognized records' defined as either in 'error' or 'incomplete' state. The later 'unrecognized Records' could be due to ETL Loads, consolidation of acquisition, mergers, divestitures or other factors that could have introduced these Dark Data records. Thus, all types of data reviewed and considered 'Live', in SAP ECC 6.05 Production was included in the final set of AI Algorithm measured and proposed to client.

Upgraded ADK (Archive Development Kit), ARC-IS (Archive Information System), AE – Archive Enabled SAP Transaction codes to read data from ADK via OSS, Custom coded via ABAP/4 - 15 FICO reports, along with custom Info structures across every core functional module.

Designed an ILM Tiered Architecture for EOL 'End of Life' model beyond retention 'life cycle' being reached. EOL documents considered to be business documents that must remain for the life of established legal 'entity' but many laws per industry, sector, client requirements also dictate what constitutes 'Life' documents that are excluded from 'destruction and/or purging'.

POMP/PM – Project Managed – Reporting to TBC Leadership via Dashboard updates, daily scrum, and weekly status team of over 30 +

Sempra Energy®, **San Diego CA** **Jan 15 – Sept 16**

Position: Sr. SAP Solution Architecture & Integrator Platinum Consultant & Project Managed, Sr. Solution Technical Architect Integrator HANA/HADOOP NLS SQL & VORA SPARK HDP WIN RHL Multi-Cluster Distributed Architecture with Models Comparative Predictive Analytics PAL R LIB (4 - Projects Lead)

Summary of Responsibilities (4) Projects: Responsible as Sr. SAP Solution Architect, Integrator, and Project Manager of all 4 projects at Sempra Energy. I served in a variety of roles and performed and used a diverse set of skillsets as outlined in each project. The 1st Project I served mostly as Sr. Solution Architect and PMO/PM Project Manager Owner. The 2nd Project I served as Lead solution architect and integrator in BW 7.4 on HANA performing NLS SQL IQ, DT Dynamic Tiering, and Displacement of 'Aged' warm/cold data from HANA 'live' database. The 3RD Project I was Sr. Solution architect, integrator/migration specialist and project managed end to end creation of a HADOOP Multi-Node Cluster on WIN 2012 R2 using SPARK vs. HIVE on HDP (Hortonworks Data Platform) 2.2. The 4th and final project served as Sr. Solution Architect, integrator/migration specialist and project managed end to end a Multi-Node Cluster using RHEL (RedHat Enterprise License) on Reel 6.6 Linux using

SAP SPARK Controller / SAP VORA 1.3 with VORA Modeler and predictive analytics models designed, along with HANA SDI, SDQ, SLT and Predictive Analytics Comparatives. See details below of each of the 4 projects below:

, San Diego, CA **Jan 15 – Oct 15**

Position: Sr. SAP Solution Architecture & Integrator Platinum Consultant / Project Managed a successful Go-Live of BW 7.4 HANA SP12 with over 90 + Sempra Energy FTE, IBM, SAP, HP resourcing with a budget of $ 9.5 – $ 11.5. Using SAP RDS (Rapid Deployment Solution) and Agile Project Deployment Methodology

Sempra Project # 1 Responsibilities:

Project Managed and 'owned' the Sempra BWoHANA project being instrumental in its success in managing, integrating consolidating all these groups of teams coordinating under a very 'tight' window with a 'flux' of technical H/W issues, delivery delays and so on and yet delivering on schedule. Reporting bi-weekly to Sempra Energy Steering Committee, its Directors once a week and daily with entire project teams via scrum/standup meetings for the Lifecyle of this entire project in addition to performing budgeting, resourcing, working on FTP Financial Transaction Processing of accruement, billing, projections, overruns, funding etc.,

Primary Responsibilities included:
Supported / Created – Request for Information, Questionnaire, and Proposal process (i.e. RFI, RFQ, RFP) – Designed Score card via AI Algorithms of Pros vs. Cons on each H/W, SW, SI System Integrator, Vendor selected per algorithms developed
H/W Selection via RFP process via Quick sizer selection of H/W HP CS (Converge System) 500 on HANA Appliances (Scale-Out) architecture, setup (i.e. blood build, configuration, installation and integration of HANA SP09 on RHEL 6 for database upgrade, consolidation of BW 3.5 – 7.0 to BW 7.4, Unicode Upgrade, BOBJ 3.1 – 4.1 & Universes Upgraded, Clean-up, BW Objects remediation of DSO's/CUBE's, SAPLOGON Upgraded via Auto-Script rollout, HP-QC critical UAT / Business Signoff, Security Critical Component HANA Appliances/APP Servers Data center,
Supported Data Center Integration HP CS550 build-out of Appliance (i.e. Supported HP Technical/Infrastructure team in i.e. Blood build, Rack/Stack, Earthquake bracing/Data center compliance, Network configuration to HP CS500 Frame, Liaison between data center HP and Cabling, electricians, Rack stack vendor, infrastructure coordination with basis, architecture, storage, and system integrator(s) to deliver on time in lieu of H/W failures and delays
S/W Installation and Configuration integration of i.e. HANA SP09 setup across scale-out architecture at various levels i.e. HANA Appliances, Unix level with proper releases of version/releases per SAP (PAM) Product Availability Metrix) i.e., Lumira, DT (Dynamic Tiering), PAL (Predictive Analytic Libraries, EIM – SDI (Smart Data Integration), SDQ (Smart Data Quality (i.e. profiling data, de-duplication of data, enrichment of data), HANA (UDF's) for HADOOP enable SAP HANA to access map reduce jobs in HADOOP* as a short list of what S/W was installed (**Note:* Would be used for *Sempra Project # 3 & 4*. See below)
Supported / Blueprint Phase (WPDD: Work product detail design) and development of RTM (Requirement Traceability Matrix). Finalized i.e. conversion/migration BW Objects to requirements, create detailed Migration Guide (i.e. systematically) with checklist includes Test Scripts (i.e. Test Cases end to end test scenarios)
BW 7.01 Migration to BW 7.4 DMO/SUM Upgrade/Migration
BW Upgrade, Unicode conversion, Migration of DB Oracle to HANA, Object Validation, Data load & Unit Testing
Consolidation of BW 7.3 into BW 7.4 HANA
Lead HP-QC (UAT) User Acceptance Testing with Business Users Validation of selective BW Objects and Reports based on level of ranking and priority
BOBJ Migration 3.1 to 4.1 With 4 BOBJ Migrations i.e. Shadow Box # 1, QA # 2, PRD # 3, and DEV # 4
Pre-Go-Live Support into Hypercare – Implementation of Z-Analyzer, DBA Cockpit, SAP BASIS Housekeeping introducing non-BW objects and processes and comparison of BW Structures/tables PROD with remediation options.
Responsibilities into Post Go-live – Involved in cut-over plan Go-No-Go Metrix of decisions, Java stack upgrade, DB Copy from Production to Sandbox. Supporting any issues during HyperCard with IBM System Integrator and SAP Support organization in Live HANA Production. No Major issue post Go-Live, a Successful BW on HANA Integration.

, San Diego CA **Nov 15 – May 16**

Position: Sr. SAP Solution Architecture & Integrator Platinum Consultant / Project Managed - BW on HANA 'Data Aging', Dynamic Tiering, NLS SQL IQ, EIM – SDQ, SDI, HP-QC

Sempra Project # 2 Responsibilities:

As Sr. SAP Solution Architect and Integrator lead the BW on HANA 'Data Aging/Archiving' project using NLS SQL IQ (Cold-Store), DT Dynamic Tiering (Warm-Store) Displacement options to reduce overall 'footprint' of live HANA In-memory database size as much as 35.8 %

H/W Selection BW NLS SQL IQ Optimization Data aging Project, setup installation, configuration, and integration of 3 commodity server's connectors to HANA SP09 to SQL IQ (Columnar) database for storing of (Cold-Store) 'aged' data
Development and execution of a. Assessment/Deep dive, b. Project plan, c. Blueprinting, d. Realization phase of H/W acquisition for NLS (Nearline Storage) commodity servers – performed installation, configuration and integration, e. Incorporated EIM – SDQ for profiling data, cleansing, enrichment of data, duplication, match record type, f. Creation and development of prototyping BW DAP (Data Archive Process) with full integration to SAP HANA, g. Performed UAT via HP-QC for business user test script/case signoff on reports, h. Created Pre / Post Cutover steps for I. BW 7.4 Go-Live with NLS SQL IQ (Nearline Solution) along with DT (Dynamic Tiering) enabling full automation using PC Process Chains.
Architected BW (DAP) Data archive process using various Info Providers i.e. DSO's, CUBE's demonstrating 'Time Slice' archiving with connectivity to NLS SQL IQ (Nearline Storage) considered (Cold-Store) along with BW objects needing to still be viewed 'as needed/requested' placed via Dynamic Tiering/Configuration techniques into (Warm-Store) secondary disk storage in an SQL IQ database. Warm requirements could be 'pulled' back if 'activated' into 'Live' HANA (Hot-Store) In-memory database for viewing and processing.
Developed Dynamic Tiering using Data Aging concepts of 'Displacement' meaning removal of data from live 'Hot' HANA database and placing in Secondary Storage via Dynamic Tiering displacement configuration options
NLS Data strategy and usage is since OLAP/Reporting layer can be controlled by 'Near-Line Storage' settings found in Be Queries properties, Multi Providers -properties and Cube/DSO properties – Recommended Activating NLS (Nearline) viewing at the MP (Multi Provider) level by setting Info provider switch 'Nearline access switch on' as enabled. Instead of at Bex report level or DSO/CUBE level.
Recommended / Developed configuration sizing for NLS (Nearline Storage) commodity server specification and configuration with end to end integration options to reduce what is live in HANA In-memory (Hot-Store) database making sure Sempra remains well below the SAP recommended 50 % threshold of 'Main Memory' in avoidance of memory data overflow issues/warning
Validation performed on all BW DAP (Data Archive Process) event steps i.e. # 10 – Initiate, # 40 – Write Step, # 50 – Verification Trigger, # 60 Delete Step including final step of 'Restore' in the event Sempra BW Project team ever required BW Objects already archived and stored in NLS SQL IQ and brought back into HANA 'live' In-Memory database. This final integration process was also demonstrated and integrated as part of this rollout at Sempra via the BW DAP Framework under Archiving Tab > Status > Reload: Post deletion has successfully been performed
Created technical and functional SBS (Step-by-Step) documentation on a. NLS SQL IQ – Installation, configuration and integration, b. DT (Dynamic Tiring), c. Displacement Secondary Storage, d. Creation/Development of TCSLA (Temperature Control Service Level Agreement), e. Set NLS (Nearline Storage) MP (Multi-Provider) strategy on defined Info Provider at MP Level, f. Lessons Learned and finally g. Next Steps Phase 2 – New Innovation / Process of i.e. Partitioning BW Objects etc.,
Project Managed reporting to Sempra Sponsors/Directors, daily scrum, budget, resourcing, and leadership along with Solution Architect and Integrator as Lead

, San Diego CA **May 16 – Jul 16**

Position: Sr. SAP Solution Architect & Integrator / Project Managed – HADOOP Multi-Node Cluster WIN 2012 R2 on HDP (Hortonworks Data Platform) 2.2, HDP AMBARI Setup, Apache Spark, Hive, HANA SDA (Smart Data Access) VT (Virtualization of Tables) to HADOOP HDFS (HADOOP Data File System)/Hive Database

Sempra Project #3 Responsibilities:

As Sr. Solution Architect and Integrator – Installed, Configured, and Integrated an HDP (Hortornworks Data Platform) HADOOP 5 Node Multi-Cluster Architecture configured via HDP SETUP 2.0.6.0 3 Layers. First *(Core Layer*): HDFS (Hortonworks Data File System), YARN and MapReduce 2 (MR2). Second (*Essential HADOOP Layer):* APACHE - Pig, Hive, HCatalog, HBase, Zookeeper. Web Cat (Templeton*).* Third *(Supporting Layer):* APACHE - Oozie, Sqoop, Flume, Mahout, Knox, Storm, Phoenix, Tez, Falcon, Ranger.
HADOOP Distribution Setup / Hardware Configuration
Software Installation, Configuration, and Integration: Environment Variable: Python Java Microsoft.NET Framework & Visual C++, 2010, Hadoop Flume hive-, mahout- Oozie pig sqoop zookeeper -Setup Configuration on H/W - 5 VM (Virtual Machines) HADOOP Servers: i.e. installed on each Hortonworks /Apache Versions 2.0.6.0/2, on WIN 2012 R2 OS, 5xdatanode CPU E5 2693 v3 2.3Ghz, 64 Bit OS, x64 processor 16 Cores 64 Virtual / 64 (GB)/128 (GB), 1 TB Each.
Setup Environment on HANA SP09 /12 H/W Environment on 5 VM (Virtual Machines) HADOOP Servers
Created SDA (Smart Data Access) Remote connection (Name: SPARK03) in HANA to SPARK
Developed and Architected HADOOP Ingestion and retrieval processes using various techniques for example:
Created and developed workshop for BW Project Team along with HADOOP developers/Admin for the Installation, configuration, Integration along with Ingestion, extraction using HADOOP Tools i.e. HANA SDA (Smart Data Accessing) creating (VT) Virtualized Tables in HANA, Spark, hive Sqoop, pig scripting, hdfs, MapReduce etc.,
Project managed reporting to Sempra project Lead & Sr. BI analytics lead with weekly scrum/standup project status report along with being Sr. Solution Architect and primary integrator. The fourth project was requested by the Sempra Energy BI Leadership and sponsors same work was performed as sole Sr. Solution architect, Integrator and migration specialist with exception of now building a fully distributed HANA using SAP VORA with SPARK Controller in a Ambari HDP (Horton Data Platform) 2.2/2.3 Multi-Cluster 5 Node HADOOP environment using RHL (Red hat Enterprise License) with SAP BO Predictive Analytics to perform comparative load sets into SPARK vs. SAP VORA and make deterministic decision moving forward with best options of there once a year an imaged snapshot can be 'pushed' via SAP HANA SDA (Smart data access), See below ' Sempra Project # 4 below.

, San Diego CA **Jul 16 - Sept 16**

Position: SAP Sr. Solution Architecture & Integrator Platinum Consultant HDP HADOOP, SAP VORA, SPARK, API, Predictive R Expert Modeler Developer Predictive Analytical Models I.e. Classification, regression, compression
Sempra Project # 4 Responsibilities:
Managed, Developed and designed Master/Slave distribution in HADOOP Multi-Node Cluster RHEL (RedHat Enterprise License) REL 6.6 Linux, HANA SP12, SDA, VORA, SPARK Controller, HDP 2.3, VORA Modeler, SAP BO Predictive Analytics Comparative models based on metric/measurements i.e. compression, regression etc., SAP EIM – SDQ (SAP Data Quality i.e. Profiling, Cleansing, De-duplication, Enrichment), EIM - SDI (Smart Data Integration), Created Performance tuning metrics, Volume & Stress Testing, Blueprint, UAT HP-QC and Project Managed

, St. Louis, MO **Mar 14 – Jan 15**

Position: Sr. Solution Architecture Integrator, Visionary Thought Leader Technologist
Responsibilities: *Integrated, Migrated cut-over into Go-Live SAP HCM (Human Capital Management) using Timesheet/Payroll and Integration of Archive Link OPENTEXT 10.07.0, PBS CL (Content Link) - 'Light' ECM, SAP BWoHANA Integration HADOOP / Teradata Blueprint Architecture Scope, Approach Integration, SAP SLO, BODS – Data Services, SLT, Microfocus HPE ILM, SAP HANA EIM – SDQ data validation quality check for 'Single version of the Truth' and validation recommendation of TDMS to client as tool selection.*

, Milwaukee, WI **Aug 07 – Sep 09 & Oct 13 – Feb 14**

Position: Sr. Solution Architect & Integrator Platinum Consultant, AI Algorithms Heap Measurements Used %, Azure on-prem
Responsibilities: *Performed Technical Archiving Assessment, Lead Functional application user discussion, Lead Country specific TAX discussion, Recommended and mapped Record Retention controls to SAP R/3 Business documents per IMG variant Hierarchy. Performed Full DART Implementation lead Technical/Functional discussion, validation*, construction ABAP/4, user exits Report/View Prototype tweaking Unicode at chipset per app layer per HW parameters for heap vs. Kbyte of size of row reducing size of close improving metrics of closure increasing performance over 49.6 %...Performed and lead Technical Implementation of Archive EDI/BASIS Objects and Functional Implementation of FI, CO and SCM Archive Objects. Conducted and Lead all Technical and Functional Application discussion specific to each area specific to business documents selected for Archiving in SAP R/3. Perform analyze manipulating predictive analysis tool within DART designed since inception with *SAP as Co-developer and ASUG group and ADK in creating a full end-to-end solution in compliance with maximum overall reduction of Database and full transaction code enablement and report browsability of both Archived and On-line data. Performed Workshops, created Technical /Functional Questionnaires per Archive Object. Reviewed Transactional Tables and recommended REORG specific tables per Functional area and Archive Object. Performed Analysis on BW/BI 7/0 Info Cube specific to Loads/Delta and recommended approach specific to A/P, A/R, G/L, TB and CO migration of impact and future Archiving. Created Detail Project Plan and Managed technical team in various capacities specific to SAP R/3 Data Archiving at Rockwell Automation. Created Full-Set Technical/Functional documentation with proper ownership of continued archiving maintenance process to Project team.*

, Plano TX **Apr 13 – Sep 13**

Position: Sr. Solution Architect & Integrator Platinum Consultant, OPENTEXT Integration/Migration, AWS on-prem
Responsibilities: Sr. Solution Architect Lead on end to end Integration of ECM OPENTEXT Integration, Migration of all EDI, WORKFLOW, BC objects and all FI, CO, SD, MM, PP, PI,, QM, PS, QM, PS Core business documents being archived to 'COLD' stage onto OPENTEXT, with unique requirements custom developed on cleanup Z_Tables developed and Dark Tables creating masking for

encryption purposes based on unique APIs custom designed AI API algorithms i.e. compression based schemes integrated into RFC custom coding that would allow maximum optimization to occur of compression based on INTEL Chipset based on range of volume up to a max of 1 Petabyte threshold minus a margin of 15 %. Designed, Created and Lead a Team with full end to end Assessment, Discovery, Assessment Blueprinting, Scope, Strategy, Integration leading to Migration 'Testing – Cut-over 'into Production 'Go-Live' Post Hyper Care. Full Deployment. Project delivered on time within scope under budget and according to business requirements and governance.

, Foothills, CA **2013**

Position: Sr. Solution Architect SAP Data Archiving Platinum Consultant & Integrator ECM OPENTEXT, BW, KPI & PM Lead

Responsibilities: Created and Implemented Global SAP ECC Archiving Implementation using DART 2.6 and SAP ECC 6.0 Ehp5. Implemented DART 2.6 Assessment, Blueprint, Realization, UAT/QAT Test specific to Global Reporting requirements and Segments outside U.S compliance. Developed and Implemented Global ECC ADK Archiving solution from inception Technical objects, Cleanup programs, and FI, CO, SD, MM and PP. Developed and Incorporated ILM (Information Life Management), to support online vs. nearline compliance of unstructured data in SAP ECC with full tertiary store compliance for long term retention using ECM OPENTEXT records management and legal-hold methodologies. Supported custom reporting ABAP/4, Developed UAT/QAT with Volume Test sequence and deployment of AIS IS (Archive Information Structure) Info System along with DRB (Document Relationship Browser) archive tools using standard AE – Archive enabled transactions i.e. FBL1N, FAGLL03, ME23, ME53N and custom development/deployment of AE – Archived enabled reporting creating 29 objects reports to support Global Pre-Go Live Implementation. Performed SAP BI 7.01 Assessment specific to BI Dataset impact and analysis. Determined approach to SAP HANA for ODS and CUBE Impact centric to BOBJ used and conversion prior to migration of SAP BI 7.01 to SAP BI 7.3 with SAP HANA. Introduced SAP HANA Architecture with SAND NLS (Nearline Storage) device architecture prior to migration from BI 7.01 to BI 7.3 with SAP HANA Architecture and Methodology. Developed Global solution and reduction of 20 – 80 % for both SAP ECC 6.0 and SAP BI 7.01 Migration to 7.3. Custom developed DART 2.6 and SAP ECC 6.0 Ehp5 ADK (Archive Development Kit) deployment. Created / Recommended hardware architecture change tweaking due to sheer volume of 30 TB of data to archive massive catch-up jobs to reduce 20 – 60 % of overall savings of over 15 (TB) Reduction. Introduced containment of ZTables archiving and KPI (Key Performance Indicators) to achieve massive reduction algorithm and reduction of volume data in Production. Produced professional documentation and perform KT Knowledge transfer were the customer today is self-sufficient and owner of process.

, Dallas TX (Remote) **2013**

Position: Sr. Solution Architect / Data Integration – CRM AI Algorithm % Mod.Reduction, ADK Development, Architected Gold Code, 40% Reduction

Responsibilities: Developer Lead CRM ADK Object Optimization 40 %, HADOOP, ECM Solutions Integration on ERP ECC on IBM DB2 - Best of Breed Architecture for CRM ILM Tiered Approach of (Warm-Store) vs. (Cold-Store), DVM (Data Volume Management) Blueprinted upgrade BW on HANA from BW 7.1 – 7.3, along with RFI, RFQ and RFP into Integration and post SAP BW PBS with PBS -CL Options and/or HADOOP for BW 'aged' Objects i.e. DSO's and CUBE's.

, Lexington KY **2011 - 2012**

Position: Sr. SAP Platinum Data Architect & Performance Optimization ECC, HANA, OPENTEXT, ILM, PBS & Memory AI Algorithms % Thresholds Metrics Management

Responsibilities: SAP ECC 6.0 Performed Holistic Data Management using (Classical Archiving) staging peak performance with external AI API Algorithms models providing most accurate, fastest, greatest DB 'footprint' reduction based on SAP App Server metrics ingested into external AI API for measurement evaluation providing the greatest 'structured' vs. 'unstructured' reduction upwards of 42.5 % based on adherence of KPIs being recommended. Lead ECC DM Technical data management group, also Technical config, ABAP Code review, Function. Mode Code review, introduce new 'golden code', infostructure', Lead review Performance BW DSO+CUBE DAP HANA Memory Overview Scope Strategy / Industry standards memory allocation to kernel cold store to chipset algorithmic codepage speedup, Lead and Recommended industry standards on TDMS with SAP ILM RM and Legacy Application DS 7.02, vs. BWoHANA using a 'displacement of PBS BW NLS, HANA Optimization / Development of Memory Engine measurements post Go-Live Data Aging and Optimization 50 % SAP recommended threshold 'Main memory' 'offloading' off 'Active' vs 'Early Unload to Memory' options of i.e. PSA,

Changelogs, and other Auto-Displaced BW objects via 'Displacement' techniques vs. Lexmark's ILM suite case study product. Successfully delivered SAP ECC 6.0 archiving all core functional/technical documents and using emerging technologies as pro-bono to solidify guarantee accuracy of our projectile reduction ratio of database.

, South Bend, Indiana **2001, Aug 07 – Dec 07 & 2009 to 2010**

Position: Sr. SAP Solution Integration Migration Consultant Polyglot Specialist Tools ECC, ILM, Chipset Algorithmic metrics analytics, e-Discovery, Visionary Goals C-Level Direction Integration Option per Governance Legalistic Standards & Tertiary Architecture

(**Client requested services of** Mr. Steven Alexander on 3 Tours of Service: Request / See references)

, Marietta, GA **Jul 06 – Dec 06**

Position: Sr. Platinum SAP Archiving Consultant Lead & DART Developer Specialist Integrator

Responsibilities: Supported SAP DART Design of POC – Proof of Concept. Evaluated Taxation IDR – (Information Document Request) Form requirements for IRS – Master Data, developed POC Extract based on IDR Audit Cycle, Created Extracts Mapped Segments (Tables/Fields) IDR, Created Views based on Requirement. Performed Technical/Functional DART Configuration. Scoped Custom Z_SPL – Ledger Extract and Custom Coded Report. Developed Design piece for DART Implementation as a Proof of Concept – Actual Live Design Incorporated into Production. Created DART Best Practice – DART Naming Convention, Extract Process, Export Report Creation Process, Short/Long Term Retention 2nd Tier Repository ArchiveLink Retention. Created DART Variant Selection per Transactional/Master data. Created DART Design Implementation Guide.

, Newport News, VA **Feb 04 – Jan 05**

Northrop Grumman Newport News (DOD – Department of Defense)

Position: Sr.SAP Platinum Solution Technical/Functional Architect, Developer Lead Integration and Design Overall Global Strategy & Blueprint 'Whitepaper' & Build Vision , Data Compression Algorithm Archiving Expert, Designer of Architecture BASIS Sizing, Disaster Recovery, Hardware Compliant PBS ADK Certification Design Concept Build Prototype For A&D Aerospace & Defense Sector Global Template, Rules in C/C++, embedded into API converted into Function(Call.Func.*1(**.3&RFC.FUNCTION.MOD) C Program to ABAP/4 For PBS and ILM APIs and Potential ECM OPENTEXT and

, Enterprise Systems **Sep 02 – Dec 03**

Northrop Grumman ES (DOD - Department of Defense)

Position: Sr.SAP Platinum Solution Design Lead Total Integration Blueprinting Architect Technical/Functional Integrator Content Management, BW, BIGDATA and Archiving Expert, PBS Expert, Easy Software Tertiary Solution Architect Visionary, Prototyped Futuristic IMG A&D ILM FIN&COST

West Palm Beach, FL **Mar 02 – Aug 02**

Position: **Sr. SAP Platinum Technical Archiving Specialist, Divesture**

Responsibilities: Develop and Implement Archiving Divestiture Strategy specific to Extraction of Domino Sugar data from a Florida Crystal SAP Instance. Implemented 30 Archive Objects across SAP Modules. Included in this Divesture were Transactional and Master data extraction and Archiving. Created Masking programs specific to targeting divestiture data (Sensitive Financial/Sales data), SAP Closure process OSS Notes application than Archiving, followed by Reorg process and recommendation specific to the Top Table Structures and Indexes. Provided Knowledge Transfer on the entire Methodology Implementation and created Technical/Functional documentation.

Atlanta, GA **Apr 01 – Mar 02**

Position: Sr. Technical Archiving Specialist, DART Configurator/Implementor, Optical Tool Expert – Browsing/Reporting (IXOS)

Responsibilities Provide Technical/Functional Leadership for Assessment, Tax evaluation DART, Configure DART Validation and Enable to WORM, Configure ADK – Archive Development Kit, Select Sequencing Archive Objects, Technical Lead on DART Selection of SUT – Sales and Used Tax Structures and IRS Components, Configure Archive Link to IXOS Software, Create Workshop Methodology and Technical/Functional documentation for FICO, COPA – Account/ Cost based. Implement MM Archive Objects and Provide Technical/Functional Leadership during Implementation FICO. D.M.S (Document Management System) – Developed Strategy to manage documents using Optical Tertiary media with Archive Object Selection and sequencing with Storage retention, On-line and Off-line Strategy based on document type per Top 50 Table Structure. Lead Tools Selection for Browsing/Reporting of On-Line, Statutory and Client Retention. Create Model for Test Plan and Project Plan Task with Work plan Methodology. Consult Management on Best Practices and Present Industry Best Practice Model based on 72 Archiving Implementation. Sr. Technical/Functional Lead on Archiving Divesture for DOMTAR, for SD Archiving Pricing Condition. Perform Analysis, Validation and Selection of ADK Program to Archive specific Divesture Requirements for DOMTAR. Scoped out 20 Archive Objects, in Assessment for greatest DASD-Direct Access Storage Device gain and Performance. Recommended Reorg – Reorganization of Data Process and Sequence of Index/Tablespace Name. Created Unique scenario for both DLT – Digital linear Tape and WORM – Write Once Read Many and the Placement of Transactional Archive Per Archive Object and Time Stamp per Module for Short-Term Long-Term Retention of SAP Transactional/Master data.

Technical Skills:

Languages

LISP, SMALLTALK, Assembly-Reverse Engineering * Intel Chipset AI Algorithmic Level BIOS Kill Switch (NDA*) WannaCry* 2017, PHP, Pascal, Metasploit, MATLAB, Bother, SQL, Haskell, Rust, Go, Algol, Snowball, Awk, sed, bash, sh. Ocaml, Web Assembly, C #, Coq, Agda, TLA+, COBOL II, Basic, Perl, ASP.NET, SQL Injections, Kali Linux, ABAP/4, C, C++, Python, (*Java**), ABAP/4, R, CSS, Objective C – IOS, BASIC, Scala, Lua, Scheme, Clojure, Coffeescript, Erlang, ML (Machine Learning), Ruby, HTML, DL (Deep Learning), AI Data mining & Geospatial virtualization, AI Data Visualization, AI Algorithms, (*JavaScript**), Code Warrior, and NLP (Natural Language Processing), AES-256 Crypto C++ Encryption Chip set Development instruction cipher, Q Development using Hoare Logic (pre-post conditions, invariants) Hack the Hacker or build 'Magic as an innovator 'creator' from blank piece of paper

* JAV* - Greyed In honor of a friend who died of ACL in Phoenix, in his memorandum since 2014, As co-creator of 1 of the greatest inventions celebrating its 10th anniversary 09NAJ9102 It was said he could also write a Smart Contract giving from C++ and in 7 days he would have it converted into JAVA, which he said is how long it took the earth to be created.

SAP & Non-SAP Products

SAP R/2, R/3, ECC, HANA 1.0-2.0, S/4HANA – PaaS (Platform as a Service), SaaS (Software as Service) and IaaS (Integration as Service), SAP HANA Cloud Platform, Azure, BLOCKCHAIN cryptocurrency using Bitcoin, Ether, Litecoin and smart contracts (Ethereum) Block coded fulfillment development and migration/integration. (SAP FX- (REM) Real Estate Management and (SLAN) SAP Lease Administration by NAKISA, BI/BW 1.0-3.5- 7.1 – 7.5, BW DAP (Data Archive Process), TDMS – Data Scrambling, Refresh Non-Production DEV/SBX, Development POC/Validation Copy), Thales, Gemalto (HSM) Hardware Security Module using Store Key encryption algorithms, EU GDPR # 697 - 99 Articles expertise 'sensitive' data compliance. FIPS 140 # 2-3, encryption key management, HPE-QC (Quality Control), Leonardo (IoT), SAP MDM, SAP MDG 6.1 – 8.0,9.0 *. SAP Information Steward + Data Services, SAP Predictive Analytics - Expert Modeler, ETL BODS, SAP EIM – SDI, SDQ SDA. SLT, BODS, HANA Administration, Development Modeler Views, HANA SDA- VORA-SPARK with HADOOP Integration - HDP (Hortonworks Data Platform), CLOUDERA, MAPR. AWS E3-E5, AZURE Security Center: Microsoft Antimalware Azure Encryption Integration, Azure Data Factory (Platform), SAP NLS SQL IQ, SAP SQL IQ, SLO (Landscape Optimization), DT Dynamic Tiering, HANA Native, DLM (Data Lifecycle Manager), PBS-CL-PBS Archive Add on (All Modules), Easy Software, Mobius, EMC Info Archive (ALM – Application Lifecycle Management) HANA and S/4HANA Compliant, ECM - OpenText / Archive Link, IBM Content Collector 2.2, 3.0 and 4.0 +, SAP DART 1-2.8, HP QC Suite, Intellicorp - Live Model and Live Compare, Informatic ILM and HPE Microfocus HPE ILM (Information Life Management) CM (Content Manager) via Ingestion Tools for structured data SDM (Structured Data Manager) and non-structured (CP) Control Point

Operating Systems

SUSE Linux (SLES), Oracle Linux/Solaris, WIN 2012 R2, REDHAT (RHEL) LINUX, HP-UX, CentOS, OS XUNIX SCO, WIN 10, Ubuntu OS,VM, ANDRIOD, WINDOW, IOS, OS X, CHROMIUM, UBUNTU LINUX, RTOS (Real Time Operating System), EOS (Embedded Operating System) for ROM Chipsets instead of HD EOS – Lynx, MTOS, QNX, RTMX, VxWorks (Encryption) Chipset AI API Cryptography Quantum Lab NDA. TOS > Terms of Service > IPV4 > RFC # 1349+2474+3168 =IPV4 Packets – TOS = Replaced Today DOS (Disk Operating System) Today.

Databases

ORACLE 7-12.2.01 ORACLE TDE (Transparent Data Encryption) 10g/12c - R1/R2 & AES-NI, MYSQL 5.17.18, MICROSOFT SQL SERVER 2016, HANA SP1 – 2.12, CASSANDRA 3.10, SAP SQL IQ, TERADATA, HBASE 1.2.5, HIVE 2.1.1,(Example Plus)*, DB2 11.1,(Example Plus*, DashDB - 2 Edition IBM DashDB Analytics (Data warehouse) DashDB Local (a Docker container image allowing deployment on private Clouds) On June 22, 2017, IBM renamed its cloud offerings Originally, Db2 on Cloud was named "DashDB for Transactions" and "Db2 on Cloud" referred to what is now "Db2 Hosted, FILE MARKER 15.0.31 (Shortlist etc.,) (Note: All Release are current as of 2019, applicable for O/S, DB, Release, API, Certification, Stack, Containers, Governance, Policies, Standards, FIPS, NIST, Integration & Migration and Implementation Cycle with full CI Development & Architectural as example *TOGAF example 1 of many linear types for centralized vs. decentralized architectures across a heterogeneous worldwide globalization of environments interconnection with various 'sources of the truth' as a core standard within the Top 500

Data Modeling - ETL & STL

SAP Data Services ETL, SAP HANA SLT (SAP Landscape Transformation), SAP BO Predictive Analytics ETL 3.1.1, Informatica Power Center Eldering 2.5 – 5 x (IDEF1X), James Rumbaugh, BOOCH

PM Deployment Methodologies

SAP ASAP (Accelerated SAP) Methodology, SAP RDS – Rapid Deployment Solution, Agile and Waterfall Project Management Methodologies, IBM APL (Application Lifecycle Management) Framework - Deployment, S/4HANA – SAP 'Activate' Time to Value Methodology

On-premise, On-Cloud & Hybrid

AWS E2, E3, SAP GCP (Google Cloud Platform), Azure HD Insight (i.e. See: Tools above as example. Showcased Azure but have integrated and/or migrated each of these cloud solutions either on-prem or on-cloud or combination (hybrid) on a centralized architecture) and Google Cloud centric to Cybersecurity (NDA) & Encryption Chipset Models C/C++ (Counterintelligence - NDA)

HADOOP Distributors

HDP (Horton Data Platform), CLOUDERA & MAPR

Architecture Framework the Open Group Architecture Framework (TOGAF) *NOTE:* Below, Other Types of Frameworks used by Platinum Consultant Business architecture - the processes the business uses to meet its goals:

* Decentralized Hyper Ledger Linux Architecture Framework – DLT (Decentralized Ledger Transaction)
* Application architecture - how specific applications are designed and how they interact with each other
* Data architecture - how the enterprise datastores are organized and accessed
* Technical architecture - the hardware and software infrastructure that supports applications and their interactions
* Architectural taxonomy - Methodology for organizing and categorizing architectural artifacts.

Type of Architecture

83.1 % work on Centralized Architectures vs 16.9 % work on Decentralized i.e. Blockchain i.e. Financial Sector Industry i.e. FinTech Developing/Mining Smart Contract. Cryptocurrencies, Wallets, Exchanges etc., *

* (Note: For the record as Futurist and Visionary Thinker all professional services deployed above as to projects have been integrated migrated into cut-over than into Go-Live production with the most current SAP Release SW, OS, DB, Enhancement Pack Kernel, HW, Network, Infrastructure, etc. fully in compliance with OEM certification and per industry best practices and following all standards, policies, regulatory and governance during each Implementation as a Subject Matter expert making sure that we are at least 5 – 7 years ahead of the learning curve as Visionaries, and Futurist as was proving back since 1999 when an AMR Research came knocking on our doors after hearing of all the noise Mr. Steven Alexander was making in the industry about amazing Database reduction 'footprint' % 20 ~ to 50 ~ (TB) size variance compression on average based on KPI's. ** reduction in database size 50 % percentages he was getting. He wanted an interview, he wanted to see how large this company was? Maybe a 100 ABAPer's coding compression programs to enhance greater reduction than what SAP archiving and document management provides? Yes, they got that Interview in Mar 1999. The only thing, it was a 1-man company Steven Alexander, he was a using AI Artificial Intelligence. That was 'groundbreaking', why? For that was 20 years ago, and no one was! AMR called this 1-man company a 'Specialty Firm'. Yes, he was performing at the SME subject matter expert level in creating compression algorithms in AI. ingestion metric from SAP App servers to get the greatest reduction from SAP DB)

**. KPI's – Each client experienced variant degrees of massive reduction within this range overwhelming beyond the standard at the time and what other vendors were promising at least 60 % more by Mr. Steven Alexander in 99

Education:

Programming Systems Institute

Degree: B.S. Computer Science & Languages
Field of Study: Computer Science & Programming Languages
(Start: 1978 – End: 1980)

Harvard University

Professional Graduate Degreed Certificate: Legal Law Studies Program Certification
Field of Study: Intellectual Property Law, Patent, and Copyright
(Start: 2017 – End: 2018)

Iqbal Naveed
Messaging/ Sr Engineer O365/ AD Engineer– SME

+-1-201-519-1246 / Niqbalus78@gmail.com

SUMMARY

- 16 years of Microsoft Active Directory experience
- Strong experience on installation, configuration, migration, maintenance, monitoring, troubleshooting, upgrading and documentation of Active Directory infrastructure.
- Strong experience with On-Prem to Azure AD migration
- Strong experience with Microsoft Identity technologies including Active Directory, Azure Active Directory, Certificate Services, Federation Services, Rights Management Services, Lightweight Directory Services, Group Policy, Single Sign on and Multi-Factor Authorization solutions.
- Expert level knowledge on PowerShell scripting
- Produce global enterprise-level designs for secure Active Directory and Identity systems for global initiatives
- Root cause analysis and problem management for corporate Identity Management environment.
- Create and maintain system documentation for domain technologies, including installation, configuration, and appropriate troubleshooting steps.
- Lead projects through implementation via collaboration with all IT, security, and support teams.

On-Prem AD:

- Expert level Knowledge on Active Directory replication
- Expert level Knowledge on PKI Infrastructure, specifically, Windows authentication and Certificate Authority (CA) Chain in support of daily operations.
- Expert level Knowledge on AD Schema, FSMO roles, trusts, Kerberos KDCs, replication topology, etc.
- Expert level Knowledge on Troubleshooting LDAP issues
- Expert level Knowledge on Group Policy administration
- Expert level knowledge on DNS, DHCP, WINS, DFS

Azure AD:

- Experience with Azure Active Directory SSO and modern authentication products such as SAML, OAuth, and WS-Fed
- Experience with Azure Active Directory API access using the Graph API
- Experience with AD Azure Connect
- Experience with conditional access rules

Experience with policy migration from On-Prem AD to Intune

MICROSOFT WINDOWS SERVERS

- Implementing, Configuring Active Directory Services and Administering Microsoft Windows 2000/2003/2008/2012/2016 Servers.
- Windows Server 2003/2008/2012/2016 roll out and upgrade projects.
- Installation, configuration, administration of terminal services, networking, group policies, power shell scripting, troubleshooting, remote application deployment, WSUS Server, network analysis, security, monitoring, technical support activities, active directory schema extension, Hyper-V 2008/2012, Microsoft Azure RMS, ADFS, DNS, AD RMS, DHCP, RAS, IIS, VPN, PKI infrastructure, enterprise CA in a multiple and single forest AD environment.

MICROSOFT WINDOWS EXCHANGE SERVERS

- Implementation of Office 365 in Exchange 2013/2016 Hybrid environment.
- Migrate users from on-premises Exchange to Office 365. Setup and configure Azure AD Connect and SSO with ADFS.

- MS Exchange Server 2003/2007/2010/2013/2016 implementation, Configuration and migration from Exchange 5.5 to MS Exchange 2003/2007/2010/2013/2016 servers and GroupWise 6.5 to Exchange server 2010.
- Outlook web application and outlook anywhere implementation.
- Manage different site replication, Archiving, disaster recovery in multiple and single DAG environment and Mobile Messaging service.
- Manage Exchange Server Database and Transaction Log files.
- Monitoring system activity and server performance is a necessary part of preventive maintenance for the server running Exchange 2003/2007/2010/2013/2016 Servers.

TECHNICAL SKILLS

Operating systems:	Microsoft Windows 2012/2008/2003/2000, MS Windows XP Professional/Vista/7.0/8.0/10.
Software Packages:	MS Office Suite 2007/2010/2013/2016, Networker, Altiris End point encryption, Backup Exec 9.1 for Windows Servers, ARC Server, Net IQ, SolarWinds, GFI and Quest Migration Suite.
Hardware:	Compaq, Dell 1950, 2950, 2900,310,610, HP ProLiant DL360 G3 and IBM Servers
Network security:	ISA/TMG Server, PIX Firewall 501/515/525, Sonic Wall Pro 100, DMZ and VPN
Mail Server:	Microsoft Exchange Server families, Email Archiving solution.
Network printers:	HP, Canon and IBM Network printers, RICOH Aficio with follow me printing.
Terminal Servers:	Windows Terminal Server, Citrix Presentation Server 4.0, TSWEB and VNC Terminal servers, PcAnywhere.
Networking:	LAN/WAN, Ethernet, Fast Ethernet, Gigabit, Frame Relay, ATM, ISDN
Windows Security:	NTFS Permission, Group Policy, Azure RMS, AD RMS, AIP for cloud.
Mail Gateway:	Mime Cast, IronPort.
Virtualization:	MS Hyper-V Server 2012.
Client Security:	Sophos, Cisco AMP.

EDUCATION

Bachelor of Computer Science (BS) in Computer Science, 2004

CERTIFICATIONS/TRAINING

"MICROSOFT CERTIFICATION ID: 7919411"

- Microsoft Certified Systems Engineer -MCSE 4.0
- Microsoft Certified Systems Engineer upgrade -MCSE Win 2000
- Microsoft Exchange 2007 Certified Enterprise Messaging Administrator
- Microsoft Certified (MCITP) 2008 Enterprise Administrator
- Microsoft Certified IT Professional (MCITP): Enterprise Messaging Administrator 2010
- Core Solutions of Microsoft Exchange Server 2013
- Advanced Solutions of Microsoft Exchange Server 2013
- Installing and Configuring Windows Server 2012
- Administering Windows Server 2012
- Microsoft Lync 2010 Certified. (MCTS)
- Microsoft Certified Trainer (MCT)
- Implementing Microsoft Azure Infrastructure Solutions.
- Server Virtualization with Windows Server Hyper-V and System Center.
- Microsoft certified Office 365

Job/Role Description:

- Hands-on Solutions Architect in the M365 and Azure AD space with in-depth knowledge and working experience in Azure, Exchange Online, OneDrive, PowerBI and emerging technologies.
  The candidate should have a combination of advanced hands-on Exchange skills and soft skills necessary to build positive relationships with the client and with Microsoft.
  Required Qualifications:
- 15+ years of experience in a similar role (Active Directory design, Azure and O365 break/fix activities, engineering, complex implementations, and migrations) Microsoft Exchange *2010/2013/2016) and Online versions
- 10+ years of progressive experience supporting Exchange Online and Microsoft O365
- Hands-on expertise of working with complex Active Directory infrastructure environments and the requirement of strictly following standards, procedures, and processes
- Expertise in coordination and escalation to Microsoft support and ability to coordinate with first- and third-party software vendors as needed for resolution of business-impacting problems
- Strong Experience with O365 Security and Compliance, Communication Compliance, Advanced eDiscovery, and Data Classification.
- Strong working knowledge of Microsoft information Barriers, Defender and DLP Policies.
- Strong knowledge of Legacy Mail Migrations to Office365
- Strong Experience with Hygiene solutions- EOP (ATP), Proofpoint etc.
- In-depth Experience with SMTP Relaying mechanism and protocol
- Strong experience with PowerShell scripting and other command-line interfaces
- Ability to understand and design a large enterprise-level solution upon technical, application and business requirements
- Knowledge to develop and execute complex deployment scenarios
- Demonstrate strong analytical, troubleshooting, and problem-solving skills
- Strong technical writing and documentation skills

WORK EXPERIENCE

MTA, New York **Nov 2019 to till date**
NETWORK/SYSTEMS (CLOUD) ENGINEER/ADMINISTRATOR

- Azure API Management, Security, Cloud-to-Cloud Integration (Public, Private)
- Windows Azure (Website, web role and worker roles)
- Be a critical part of our core team that is defining and launching exciting “Next Generation” services
- Responsible for collaborating on and setting cloud vision; providing thought leadership in cloud infrastructure and cloud services architecture to meet operational objectives for cloud solutions
- Educate customers of all size on the value proposition of managed services on Azure, and participate in architectural discussions to ensure solutions are designed for successful deployment in the cloud
- Advanced knowledge of databases (SQL Server and MySQL) o Advanced knowledge of relevant web services, mail, backup, and application monitoring
- Manage and monitor Office 365 services and desktop support (Laptops)
- General administration and operations of our Office 365 environment as migration moves to production.
- Monitor and communicate to stakeholders the performance of the services
- Act as a liaison between customers, sales, service engineering teams, and support
- Designed and implement Office 365 Hybrid Environment with Exchange 2010 to Exchange 2013, Exchange 2016, and Exchange 2019.
- Configured third party SentinelOne Singularity data, access, control, and integration planes of its endpoint protection (EPP), endpoint detection and response (EDR), IoT security in the testing face for servers and Cloud platforms.

-
- Deploy and implement enterprise Active Directory Federation Services (ADFS), Single Sign On (SSO).
- Configured mail flow connectors, SPF, DKIM, DMARC.
- Knowledge in AD architecture and infrastructure (LDAP, Directory Replication, group policy, security, schema changes, etc.)
- Knowledge of DNS, Kerberos and Windows Authentication, to include authentication with other technologies for Single Sign-On.
- Manage Active Directory, DNS, Group Policy.
- Manage and optimize the Microsoft 365 security & compliance aspects of the tenant
- Azure premium AIP with OME.
- Setup and configure AD Connect in Multi AD forest.
- Assigned new certificate to all Exchange and hybrid environment.
- Migrate 100000 + users from on-premises Exchange to Office 365 using Quest manager tool.
- Setup and configure Azure AD Connect with ADFS Single Sign on.
- Design and onboarded customers to Active Directory and Federated Identity, and advanced.
- Replaced from EOP to Mimecast Email Security appliance.
- Troubleshoot AD connect issues.
- Create Power shell scripting as per requirement.
- Migrate Local PST to Office 365.
- Routine troubleshooting Outlook, and other supported mail client configuration for Exchange Online.
- Routine handle Azure AD issues, Routine create DL, Shared mailbox, mailbox delegations.
- Troubleshoot SMTP relay issues.
- Assign office 365 licenses.
- Purge emails create PST on exchange on premises.
- Create daily database backup.
- Migrated archive emails.
- PowerShell scripting for automation.
- Configured for SMTP, IMAP & POP3 for business applications.
- Multi-forest upgradation environment Exchange 2010/2013 infrastructure.
- Implement Modern Authentication.
- Coordinated with technical teams for administration of nightly mailboxes moves.
- Create DNS records internal and external DNS for Office 365 for SMTP relay emails.
- Configured Group Policies, DNS, DHCP, AD site replication.
- designed and maintains systems and disaster recovery documentation
- Design and implement Microsoft AD Services. Working with other administrators and engineers of Exchange, Wintel, Network, and Security to perform system changes and troubleshooting
- Manage Exchange Online users, manage recipients - create, modify, delete, shared mailbox, recover deleted emails
- Perform network troubleshooting to Isolate and diagnose common network problems
- Performing crash and performance analysis - implementing upgrades and improvements on environment
- Troubleshoot MS team, MS forms.
- Manage and maintain MS licensing strategy.

Hitachi Chemical Advanced Therapeutics Solutions **March 2019 to Nov-2019**
Messaging Migration Architect

- Designed and implement Office 365 Hybrid Environment with Exchange 2010/2016 on MS Cloud.
- Deploy and implement enterprise Active Directory Federation Services (ADFS), Single Sign On (SSO).
- Manage Active Directory, DNS, Group Policy.

- Azure premium Multi Factor Authentication (MFA).
- Setup and configure AD Connect in Multi AD forest and single tenet environment.
- Migrate 10,000 + users from on-premises Exchange 2016 to Office 365.
- Migrate users to Skype for Business Online and OneDrive for business and teams.
- Setup and configure Azure AD Connect with ADFS Single Sign on.
- Design and onboarded customers to Active Directory and Federated Identity, and advanced knowledge of Azure AD.
- Power shell scripting.
- Migrate Local PST to Office 365.
- PowerShell scripting for automation.
- Upgrade and oversight of a Lync Server 2010/2013 infrastructure.
- Implementation PCIDSS, HIPAA compliance according to Microsoft best practices.
- Implement Modern Authentication.
- Upgraded and Configure Windows Servers
- Provided Technical Support to team.
- Performed System Maintenance scheduled.
- Active Directory Monitor System and Tuning.
- Active Directory cleanup quarterly.
- Monitored Create/Delete/Edit user Accounts and Permissions through tools.
- Implementation Microsoft Capacity Planning.
- Build and upgrade Windows servers.
- Implemented BitLocker / TPM through condition access policy.
- Implemented iOS & Android MDM (Mobile Device Management) “COD “Company own devices.
- Implemented iOS & Android MAM (Mobile Application Management)
- Restored data activity in test environment or Crash Investigations if occurred.
- Coordinated with technical teams for administration of nightly mailboxes moves.
- Create DNS records internal and external DNS for Office 365 and Skype for Business.
- Configured Group Policies, DNS, DHCP, AD site replication.
- Configured SCCM for upgradation office pro plus and Windows 10 upgradation roll out.

Bank Al-Falah Ltd (Abu Dhabi, Pakistan, USA) **July 2016 to Feb-2019**
Messaging Migration Architect

Responsibilities:

- Designed and implement Office 365 Hybrid Environment with Exchange 2010/2016 on MS Cloud.
- Deploy and implement enterprise Active Directory Federation Services (ADFS), Single Sign On (SSO).
- Manage Active Directory, DNS, Group Policy.
- Azure premium Multi Factor Authentication (MFA).
- Setup and configure AD Connect in Multi AD forest and single tenet environment.
- Migrate 10,000 + users from on-premises Exchange 2016 to Office 365.
- Migrate users to Skype for Business Online and OneDrive for business and teams.
- Setup and configure Azure AD Connect with ADFS Single Sign on.
- Design and onboarded customers to Active Directory and Federated Identity, and advanced knowledge of Azure AD.
- Power shell scripting.
- Migrate Local PST to Office 365.
- PowerShell scripting for automation.
- Upgrade and oversight of a Lync Server 2010/2013 infrastructure.
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- Implement Modern Authentication.
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- Build and upgrade Windows servers.
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- Implemented iOS & Android MDM (Mobile Device Management) "COD "Company own devices.
- Implemented iOS & Android MAM (Mobile Application Management)
- Restored data activity in test environment or Crash Investigations if occurred.
- Coordinated with technical teams for administration of nightly mailboxes moves.
- Create DNS records internal and external DNS for Office 365 and Skype for Business.
- Configured Group Policies, DNS, DHCP, AD site replication.
- Configured SCCM for upgradation office pro plus and Windows 10 upgradation roll out.

Allied Bank Ltd. Pakistan **Jan. 2010 to June 2016**
System Administrator / Engineer

Responsibilities

- Architected, Designed, and Deployed, Active Directory Domain infrastructure. 6 domain controllers on-premise and expanded on azure, geo-located to serve 52 sites. Helped Design and Deploy all aspects of the Active Directory (AD) environment ensuring the security, integrity, and availability of authentication, authorization, and LDAP related services to the enterprise's internal as well external customers. Configured Group Policies, DNS, DHCP, AD site replication.
- Design and implemented Office 365 and configured deployment of: Exchange Online, Skype for Business Online, OneDrive for Business, SharePoint Online, Office Pro Plus.
- Support in Novell E-directory and GroupWise migration of 2700 users to Active Directory and Office 365.
- Responsible for developing MDM policies and deployment for IOS, Android and Windows 10 devices for compliance using Microsoft Intune.
- Installed, configured, third party DELL NDS migrator tool to import migration participating user and computer objects from E-Directory to Active Directory.
- Work with other engineers and be responsible for the overall direction of the current and future state of Active Directory, LDAP/Authentication systems, access solutions, and infrastructure.
- Configured Azure AD Connect to synchronize on premise AD to Azure AD Identities.
- Deploy and implement enterprise Active Directory Federation Services (ADFS), Single Sign On (SSO), Azure premium Multi Factor Authentication (MFA).
- Configured Express Route with Microsoft, Private and Public peering.
- Usage of PowerShell to perform migration of Users and Computer as a backup for the DELL NDS Migrator. Scripted automated SID Mapping and NTFS permission assignment and Dual ACL.

Project of Migration of Exchange 2007 to Exchange 2013
The following in scope items will be delivered by the project team:

- Deployment of MS Exchange 2013.
- Planning of Exchange 2013 Deployment:
- Preparation of New Exchange 2013 Organization
- Schema upgrade for Exchange 2013
- Deployment of Exchange 2013 Node at primary site
- Create of 20,30 Mailboxes for testing purpose
- Configure Active Sync, Outlook Anywhere, Exchange Permissions, Connectors for exchange 2013
- Move 20-30 Mailboxes for testing purpose
- Verify mail Flow between exchange 2007 and 2013

- Configure Public Certificate on Exchange 2013
- Deploy Edge Transport Server
- Route incoming and Outgoing Emails to Exchange 2013 Edge Transport Server
- Testing and Stabilization

Project of Upgrade and Migration of Active Directory

- Working as deployment and configuration Cross forest migration with the help of ADMT 3.1, from Windows 2003 to Windows 2008 R2 including migration DHCP, DFS-DFS-R, DNS, ADRMS, also included based on Windows Server 2008 R2 and also Design and deployed GPO's , SWC Ver.2 services.

Infrastructure implementation & migration

- Planning, installation of Windows 7 deployment using Microsoft Deployment Toolkit (MDT). In this project desktops were migrated from Windows Vista and Windows XP to Windows 7 while preserving user's profile setting. Windows 7 was deployed by CD based images using Light Touch Installation (LTI).

Information Technology IT Department, Govt. of Punjab
Manager, IT (Infrastructure) **May 2012 to 1st November 2013**

- Create an I.T enabled work environment in the public service sector; proliferate IT Culture and build capacity in the provincial government departments.
- Bring all stakeholders on board, consult and work with them to identify/assess the needs and service areas in each department
  Prioritize the projects to be implemented with a focus on sustainability through ownership of projects by the respective departments/district governments.
  Address the requirements of system integration, conformity of standards and development of Public Key Infrastructure (PKI), ensure security of data, create archives and data warehouses and bring about a revolution of online service culture in the society.
- Worked as a Team Lead to deploying of Public Cloud offering, such as SaaS, PaaS and IaaS in a hosted solution, based on Microsoft Hyper-V Management layer, and use Hosting Controller (HC) as a control panel to offer public cloud services.
- Administration and monitoring System Center Configuration manager 2012 for Antivirus Management, Hardware & Software Inventory, Software distribution and Patch Management.

INBOX Business Technologies (Pvt.) Limited **February 2010 – May 2012**
Infrastructure Sr. Consultant

INBOX is Microsoft Gold Certified Partner Company and they have Presented in three (7) cities across Pakistan, i.e. Karachi, Lahore and Islamabad. I am working here as an Infrastructure Services Consultant, and Providing services for Microsoft Technologies related to Infrastructure, Messaging, Management and Security.

Working as deployment and configuration Cross forest migration with the help of ADMT 3.1, from Windows 2003 to Windows 2008 R2 including migration DHCP, DFS-DFS-R, DNS, ADRMS, also included based on Windows Server 2008 R2 and also Design and deployed GPO's , SWC Ver.2 services .

American Diabetes Association (Virginia, USA) **January 2009 to Dec 2009**
System Administrator

American Diabetes Association is one of the biggest organizations in the USA. It's existing in 40 state and approx.150 cities.

I have provided services there as System Administrator, for Microsoft Technologies related to Infrastructure, Messaging, Management and Security. Also provided services in several cities in all over the USA, we provide Infrastructure based solutions.

- Planning, Implementation of infrastructure based on Microsoft Virtualization technology, including Active Directory Domain Services, System Center Virtual Machine Manager, Forefront Security and System Center Configuration Manager and Operations Manager 2007.
- Apart from infrastructure project include the implementation of Microsoft Office SharePoint and implementation of Indentify Lifecycle Management Server for identity integration for 5 different applications. The project also includes migration of ADA's existing Active directory and Exchange for more than 6,000 Thousand users spread over 150 cities..
- Installed software, patching, upgrading and maintenance of operating system.
- Installed, upgraded and maintenance of server hardware components as per requirement.
- Responsible for DFS services administration.
- Administer Microsoft Windows Servers (Active Directory), Microsoft Workstations, for 6000 users.
- Services, Windows Server Updates Services (WSUS), and Microsoft Operations Manager.
- Supported 825 total users in 121 cities and 34 states in nationwide, as well as corporate office users.
- Performed desktop migration from Windows xp / Vista to Windows Xp/2003. Provided technical support for corporate client/server systems.
- Responsible for hardware and software applications for workstations, servers, and network data communications. Collaborated with executives .
- Performed all levels of hardware and software systems support for 5000 computers and 1000 printers and network printers.
- Responsible for e-mail system and Internet Information Server, meeting employee and customer needs 24/7
- Developed and update documentation, appraising users and administrators of vital information.
- Implementation of HSRP, DHCP, DNS, FTP, TFTP, MRTG.

Liaquat National Hospital Karachi, Pakistan. **January 2008 to January 2009**
Asst. Manager Infrastructure

- Active directory and Exchange 2003, planning and deployment and Migration from Lotus Notes, on 4geographically separated sites where Exchange 2003 backend servers were configured using Cluster also includes deployment for Symantec Antivirus in the entire enterprise.
- Implementation of HSRP, DHCP, DNS, FTP, TFTP, MRTG.
- Configuring and troubleshooting desktops, laptops and servers.
- Setting up Remote Access Service for Lotus Notes Client users.
- Installation, configuration and testing of SCSI device such as hard drives, backup tape drives
- Implementing RAID 1 and RAID 5 on mission critical servers such as domain controllers and file servers.
- Installation & maintenance of Windows 2k DNS, DDNS, DHCP and WINS Servers for the i2 Domain.
- Updating servers with latest service packs and hot fixes.
- Creating standard NT-backup policies and taking backups of the servers. Restoring the data as per the customer request.
- Preparing monthly work status reports and updating technology specific documents.
- Remote administration of servers for any problem across Fidelity offices related to the Microsoft Windows operating system.

Pharmatec Pakistan Pvt.Ltd **July 2006 – January 2008**
Network Administrator

Responsibilities:

- Managed Active Directory domain of twenty enterprise servers and 250 Users and up to 150 printers on 2003 platform.
- Managed and administered all e-mail messaging systems to include Mailademon.

- DHCP Scope Creation, Authorization and Activation.
- Group Policy creation, including auditing and restricting user access to Operating System features and applications.
- Managed administration and troubleshooting of Windows 2000/2003 network, Creation and deletion of Users, Forcing password policy, Auditing events, monitoring performance. Routine Checkup of Hard disk Space, Installation of Service Pack and Patches as and when required, NTFS and File Sharing permissions.
- Configuration Exchange user quota limit, user data permission. Troubleshooting: Exchange Performance Issues and Client issues (Outlook).
- Taking part in helping out disaster recovery plans.

Inthiyaz Shaik

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inthiyaz.shaik@hotmail.com || inthiyaz.shaik88@gmail.com

OBJECTIVE

Looking for a challenging position where I can integrate 10 years of experience in Network, Storage, Virtualization and Cloud technologies to design and develop infrastructure solutions for Data Center and Enterprise Networks.

EXPERIENCE

SYSTEMS/NETWORK ENGINEER **06/2015 – 10/2018**
Hewlett Packard Enterprises (HPE)
Houston, TX

- Worked on Networking, Virtualization, Storage and Cloud Design
- Working experience on HPE 3PAR/Nimble enterprise storage architecture solutions
- Working experience on SSMC (StoreServ Managemnt Console), IMC, VSP (Virtual Service Processor), HPE Info Sight
- Worked on virtual volumes, snapshot, replication, dedupe, compression
- Worked on storage protocols iSCSI, NFS, FC, FCOE
- Cloud implementation design with AWS
- Implemented VMware vMotion Migration, Clustering, vCenter Linked Mode, Fault Tolerance (FT), vSphere DRS, High Availability (HA), Storage DRS
- Management of vSphere Networking in vCenter (Standard and Distributed Switch)
- Design and deployment of different backup storage technologies
    - HPE RMC, Veeam backup, vSphere Replication(vRP), vSphere Data Protection(vDP), HPE Store Once catalyst backup, Remote Copy
- Working experience on HPE Gen7/8/9/10 Blade and Rack mount servers
- Hands on experience on HPE C7000 enclosure and iLO3/4/5 and Virtual Connect
- Working experience on configuring and Managing HPE TOR switches 5800, A5900, 5900CP
- Managing HPE Core switches – 7506A (modular core switch with 2 SUP engine)
- VMware 6.0/6.5/6.7 – virtualization solutions and capacity planning and Implementation
- Implement and configure Microsoft Hyper-V 2012R2/2016 server solutions
- Configuring and managing Brocade SAN switches
- Configure and manage SSL VPN Gateway – PulseSecure/Juniper MAG 2600/PSA 3000 series
- Firewall appliances – Cisco Meraki 65 series, SonicWall TZ600/NSA250m series
- Installing and configuring Windows Deployment Server (WDS), Windows Update Server (WSUS) and VMware update server

NETWORK ENGINEER **11/2014 – 05/2015**
FedEx/HCL
Collierville, Tennessee

- Worked at FedEx Network Operations Center (NOC)
- Migration of FedEx networks, design and documentation
- Deploy and configure Cisco switches 6500, 4500, 3750, 3560, 2960, 2950 series during migration
- Worked on Cisco routers 3900, 3800, 2900, 2800, 1900, 1800 series routes during migration
- Worked and Configured Virtual Port-Channel (vPC) & vPC+
- Worked on Cisco Nexus series switches 7018, 5020, 5548UP
- Configured VLAN, RSTP, MST
- Configured Port channel binding to VFC, vPC

NETWORK ENGINEER **01/2014 – 10/2014**
NexGen Wireless Inc.
Salt Lake City, Utah

- Responsible for the installation, configuration, maintenance and troubleshooting the company network.
- Configured VPN between head office and branch offices
- Worked on Layer 2 protocols such as STP, VTP, PVST+, RPVST+, MST and other VLAN configuration and troubleshooting

- Implemented security measures using ACL and configured NAT according to the connectivity requirement.
- Implemented HSRP/VRRP
- Upgrade Cisco IOS on Routers and Switches

NETWORK ENGINEER **10/2005 – 07/2013**
ITT Exelis, Kuwait

- Key contributions include troubleshooting of complex LAN/WAN infrastructure that include routing protocols EIGRP and OSPF
- Key contributions include troubleshooting of complex LAN/WAN infrastructure that include OSPF and BGP protocol administration and used redundancy protocols like HSRP, VRRP
- Upgraded Cisco Routers, Switches IOS using TFTP
- Configured different routing protocols to work with LAN and WAN. Configured NAT/PAT
- Performed switching technology administration including VLANs, inter-VLAN routing, Trunking, STP, RSTP, port aggregation & link negotiation
- Worked on Layer 2 protocols such as STP, VTP, PVST+, RPVST+, MST and other VLAN troubleshooting issues and configuring switches from scratch and deployment
- Planned and Implemented Subnetting, VLSM
- Performed HSRP, GLBP configuration. Deployment of MPLS VPN in the Network with Routing Protocols like EIGRP and BGP
- Configured remote access VPN solutions (IPsec and SSL VPN)
- Creating dedicated VLANs for Voice & Data with QoS for prioritizing VOICE over DATA
- Configuration of Access List ACL (STD, Ext, Named) to allow users all over the company to access different applications and blocking others

EDUCATION

Bachelor of Engineering in Computer Science
Diploma in Computer Engineering

CERTIFICATIONS

Cisco Certified Internetwork Expert (CCIE # 49024 – Data Center)
Cisco Certified Network Professional (CCNP) – Routing & Switching
Cisco Certified Network Associate (CCNA) – Routing & Switching
VMware Certified Implementation Expert (VCIX-DCV) – Data Center Virtualization
AWS Certified Solutions Architect – Professional

SKILLS

- Ability to design and implement high availability enterprise or data center networks
- Ability to design storage solutions and integrate them with work loads
- Design and deployment of VMware infrastructure platform from basic to advanced level
- Strong knowledge in All flash array, Fast Class(FC), Near Line(NL) drives and their performance
- Ability to design high availability applications on AWS across availability zones, availability regions and fault tolerant systems
- Design and deployment experience with core AWS services such as EC2, S3, RDS, VPC, ELB, Auto Scaling, IAM etc.
- Positive attraction towards AWS cloud implementation and career build
- Conduct one-to-few and one-to-many training sessions to transfer knowledge to fellow employees or customers
- Knowledge on Synergy Platform
- Ability to deal with Windows Server 2012R2/2016, Linux platform
- Basic scripting or automation – intermediate skills
- Switching protocols such as VLAN, VTP, STP, RSTP, MST, SVI
- Configure and manage Active Directory(AD), DNS, DHCP
- Ticketing tools – SalesForce, ServiceNow(SNOW), HP Peregrine
- Traffic analysis using Wireshark
- Strong technical knowledge on routing protocols like EIGRP, OSPF, BGP
- Strong presentation and communication skills
- Drive to continually expand knowledge in the areas of new technological developments

NITHYA
nityak20k@gmail.com |+1 (913) 735-6281

CAREER HIGHLIGHTS

- Very Passionate Network Engineer having worked in projects that include Data Center refresh, Campus Redevelopment, Firewall, and F5 Installations.
- 8years of experience in routing, switching, Network Security-Next-Gen Firewalls, Load Balancers, Wireless and VOIP systems design, administration, and troubleshooting. Experience working in complex environments which includes Layer2 Switching, Layer3 routing, Network security with perimeter and VPN firewalls, Load balancing, and Access policies management in F5 and Wireless LAN Controllers.
- Excellent communication skills with the ability to interface at all levels. A proactive team player who also can work independently.
- Experience with routers, switches, and all network-related equipment. Cisco, Nokia, Juniper, Nexus.
- Continuously worked with end-to-end call flows for deploying network services.
- Extensive working knowledge of 3G and 4G calls flows. Expertise in installing, configuring, and troubleshooting Juniper EX Switches (EX2200, EX2500, EX3200, EX4200, EX4500, EX8200 series).
- Hands-on experience with Juniper SRX series firewalls 500 series.
- Worked on 3G, 3GPP, 4G standards. Worked with Test NG, Clear Quest, JMeter/Load Runner
- Excellent Knowledge with 3G Confidential SON MASTER System & features activation R15/R16 (ANR/MLB/PSC/CCO). Experiencewith NAT/PAT, static and dynamic NAT, access lists, security zones, policies on SRX firewalls.
- Experience with next-gen firewall technology like URL Filtering, SSL Forward Proxy, APP ID, Threat ID, etc. on Palo Alto and checkpoint firewalls.
- Experience working in large-scale environments on L1/L2 troubleshooting, Network Design, IDF and MDF architecture, Datacenter Architecture, Spine Leaf Architecture, and support roles, IOS upgrades, downtime procedures, Migration projects to different vendor equipment.
- Design expertise for the SD-WAN (Versa & Viptela), SD-LAN and WAN optimization technologies for efficient delivery of the application data across LAN and WAN.
- Experienced in managing and troubleshooting of SDWAN infrastructure. (Versa SDWAN).
- Good knowledge of UNIX, SQL, Perl.
- Hands on experience on Backup and restore Azure services and in Design and configure Azure Virtual Networks (VNets), subnets, Azure network settings, DHCP address blocks, DNS settings, security policies and routing. Azure cloud services, Blob storage, Active directory, Azure Service Bus, Cosmos DB.
- Hands-on experience in inter-connectivity architecture for IMS platforms and LTE mobile/wireless elements.
- Expertise in Azure Scalability and Azure Availability - Build VMs availability sets using the Azure portal to provide resiliency for IaaS based solution and Virtual Machine Scale Sets (VMSS) using Azure Resource Manager (ARM) to manage network traffic.
- Experience in managing, planning and desinging the migration and upgrading projects.
- Worked with PNF and VNF applications teams for troubleshooting and maintainance.
- Experience in daily interaction with design and architecture teams for developing future networks and the issues faced.
- Exerienced with deploying to intelligent edge
- Hands- on experience with LTE EPC
- Experienced with troubleshooting Nokia 7750 SR.
- Experience in installing, configuring, and maintaining Cisco Switches (2960, 3500, 3750, 3850, 4500, and 6500) in enterprise Environment and Nexus 2k, 3k, 5k, 7k, and 9k in Data Center Environment.
- Worked on installing, troubleshooting, and implementing Nokia 7750.
- Experience in VSS, VRF, VPC, and VDC technologies. Experience working on Gateway redundant protocols HSRP, VRRP, and GLBP. Experience with Access, Distribution, and Core Layer Architecture and Spine Leaf Architecture in Datacenter.
- Expertise in installing, configuring, and troubleshooting of Cisco Routers (3800, 3600, 2800, 2600, 1800, 1700, 800, ASR 9k) and Juniper Routers (E, J, M, and T-series).

- Experience and high-level technical knowledge in OSPF, EIGRP, RIP, and BGP routing protocols. L1/L2 troubleshooting skills in Routing in complex environments. Worked with MPLS over BGP. Worked on upgrading Edge routers, failing over ISP circuits for maintenance. Knowledge in EVPN, VXLAN, VTEPS. Experience with Cisco ACI.
- Configured F5 LTM, series 5000 series for corporate applications, and high availability. Implemented LTM and GTM in DMZ and Internal network. Worked on software versions up to 12.1.2. Experience with upgrading software and hotfix. Experience with APM and ASM modules.
- Worked on the APM module with integration with RADIUS server and RSA secure ID for applications that require 2-factor authentications.
- Proficient in using SolarWinds and Network Management tools like Network Performance Monitor (NPM), NetFlow Traffic Analyzer, Network Configuration Manager (NCM), and Cisco Prime.
- Proficient using the F5 based profiles, monitors, VIP's, pools, SNAT, SSL offload, iRules, virtual Servers, IAPPS. Migration experience from ACE to F5.
- Experience with manipulating various BGP attributes such as Local Preference, MED, Extended Communities, Route-Reflector clusters, Route-maps, and route policy implementation.
- Extensive Knowledge of the implementation of Cisco ASA 5500 series - 5505, 5510, 5512-X with Firepower module. Palo Alto firewall policies, panorama and Checkpoint firewalls NG, NGX. Experience with convert Checkpoint VPN rules over to the Cisco ASA solution.
- Experience with Bluecoat and McAfee Web Gateway Proxies. For URL filtering and SSL Decryption, traffic flows from a trust to untrusty and vice versa.
- Experience with PA 200, 500, 3020, and VM series firewalls for both Internet and internal traffic filtering. Experience with the Panorama M100 series and maintaining up to 23 firewalls in large networks.
- Experience working with Aruba and Cisco Wireless LAN controllers, Configuring and Provisioning AP's, Virtual AP's, RTLS, Wireless SSID's, remote and campus AP's, upgrading WLC, worked in Active/Active local Controllers and Master controller. (Aruba 6000, 7200 controller, Aruba AP65, 70, 124, 85, 125) system.
- Worked on Solarwinds NPM, NCM, IPAM, Windows DHCP, and DNS. Infoblox as DHCP and DNS server.
- Experience working with Avaya and Cisco VOIP environments with assigning VOICE VLANS, troubleshooting call quality, and basic level proficiency in QoS. Worked on DSCP code markings for VOIP traffic.
- Involved in troubleshooting network traffic and its diagnosis using tools like ping, traceroute, Gigaton, Wireshark, TCP dump, and Linux operating system servers. Implementing, maintaining and Troubleshooting & implementation of VLAN, STP, MSTP, RSTP,PVST, 802.1Q, DTP, HSRP, VRRP, GLBP, LACP, PAGP, AAA, TACACS, RADIUS, MD5, VTP & SVI.
- Enhanced level of knowledge with, PPP, ATM, T1 /T3 Frame-Relay, MPLS. Experience with the design and deployment of MPLS Layer 3 VPN, MPLS Traffic Engineering, and MPLS QoS.
- Experience with H.323 and SIP, Voice VLANs, DSCP marking for VOIP traffic.
- Experience with creating virtual servers and application load balancing, upgrading software versions, redirect rules on NetScaler, and experience migrating from NetScaler to F5.
- Experience in deploying Cisco 6900, 7800, 7900, 8800, and 3900 series VoIP phones.
- Hands-on experience on the installation of Cisco IP phones and softphones, and the configuration of Cisco Unified Communications Manager (CUCM), Call Manager Express (CME), and Cisco IP Communicator.
- Hands-on experience with the configuration of Cisco Unity and Cisco Call manager for features like single no reach, mobile connect hunt lists, calling search space, DID, translation pattern, dial rules, etc.
- Hands-on experience with the SIP, MGCP, SCCP, and H.323 protocols.
- Hands-on experience and demonstrated knowledge on the Network monitoring tool such as Spectrum, SolarWinds, Cisco Prime, Wireshark, and Splunk.
- Hands-on experience with the Bluecoat Proxy and Infoblox for the DNS, DHCP, and IPAM (DDI).

CERTIFICATIONS

- CCNA (Cisco Certified Network Associate)
- CCNP (Routing & Switching)
- PCNSE (Palo Alto Networks Certified Network Security Engineer)

TECHNICAL SUMMARY

Network Configuration: Advanced switch/router configuration (Cisco IOS access list, Route redistribution/propagation).

Routing Protocols: RIP, IGRP, EIGRP, OSPFv2, OSPFv3, IS-IS, BGP v4, MP-BGP.
WAN Protocols:HDLC, PPP.
Circuit-switched WAN:T1/E1 – T3/E3/OCX (Channelized, Fractional & full).
Security Technologies:Cisco FWSM/PIX/ASDM, Palo Alto, Cisco ASA, Checkpoint, Blue Coat proxy server. Port Security,DHCP Snooping, IP Source Guard (IPSG).
Cisco Routers:Cisco ISR-1000, ISR-4000, ASR-1000, ASR-9000, ASR-5500, Meraki vMX 100.
Redundancy and management: HSRP, VRRP, GLBP, RPR, NSF/NSR, STP, Wireshark, Spectrum, SolarWinds, SNMP, Zscaler.
Physical interfaces: Ethernet, Gigabit Ethernet, Serial, HSSI, Sonet (POS).
Layer 2 technology:VLAN, VXLAN, HSRP, VRRP, GLBP, STP, RSTP, PVST+, MST, PVLAN, Optimizing STP (Port Fast, Uplink Fast, Backbone Fast, Root Guard, BPDU Guard).
Layer 3 Switching:CEF, MLS, Ether channel (PAGP & LACP, Load Balancing).
Switches:Aruba 3810, Catalyst 9400, 3850, 3650, 2960; Nexus 2k, 3k, 5k, 7k, 9k.
Load Balancers: F5 LTM, GTM, iRules.
Operating Systems:Microsoft XP/Vista/7, Windows Servers 2003/2008, Windows MS-Office.

PROFESSIONAL EXPERIENCE

Stanford Health care,Newark, CA June 2022- Present
Sr Network Security Engineer

Worked as a part of a network team where my daily tasks included configuring, monitoring, and troubleshooting of TCP/ IP networks. Configuring & managing around 500+ Network &Security Devices that include Cisco Routers & Switches, Nexus Switches, Juniper and Palo Alto Firewalls, F5 BigIP Load balancers, Blue Coat Proxies, and Riverbed WAN/MAN Optimizers. Trained in Spine Leaf Architecture.

- Palo Altodesign and installation (Application and URL filtering, SSL decryption, SSL Forward Proxy). Configured and maintained IPSEC and SSL VPN's on Palo Alto Firewalls. Successfully installed PA-5000 series firewalls in Data Center as perimeter Firewalls.
- Worked on Cisco ISE for user Authentication, Security Group Tags, MAC-based authentication for Wireless and Wired users, 802.1X, EAP, PEAP, etc.
- Responsible for the IPAM (IP Address Management) system for a very large WAN/LAN network (QIP) using Solarwinds IPAM and Infoblox DNS and DHCP servers. Experience with DHCP scopes, IP reservations, DNS host entries, pointers, delegations, Zones, DNS Sec, etc.
- Provides expert level security and networking knowledge in the planning, researching, designing, and testing of new networking technologies for perimeter firewall security, Intrusion Prevention/Protection System (IPS), DNS and DMZ security, and Internet Security in support of established Info Security program initiatives for the next 3 years.
- Implemented, analyzed, and recommended appropriate system for the out of band management monitoring. utilizing Solarwinds for primary and disaster recovery sites.
- Provided operational support for network topologies and connections TCP/IP, ATM, VOIP(Voice-over-IP), and UCCE.
- Supported the telephony specialist in the phased migration from PBX based systems to VOIP(Voice-over-IP).
- Configured separate VLAN for VOIP to implement QoS and security for VOIP(Voice-over-IP).
- Analyze and provide courses of action on current as well as emerging security threats like ransomware attacks by research and recommendation of other security solutions to help mitigate network security threats while preventing their outbreak across the network.
- Worked on network design improvements involving BGP, EIGRP, OSPF, IP metric tweaking, and load balancing.
- Designing, configuring and troubleshooting QoS, SIP, H.323, RTP, SCCP, Session Border Controllers, Voice Gateways, Voice circuits IP /TDM, Cisco Telepresence Infrastructure, QoS, NAT, PAT, and multicast.
- Design, implement and develop network designs for applications used in TMO.
- Worked on Checkpoint Firewall to create new rules and allow connectivity for various applications.
- A checkpoint is used as an internal firewall for application security in the Kodiak network.
- Responsible for interoperability between Confidential and 3G networks (idle mode mobility, CSFB, PS Handover, 3G-4G service-based redirection, etc.).
- Installed and configured Meraki (MX80, MX60) Appliance via Meraki MX400 Cloud.
- Installed and configured Cisco Meraki (MR66, MR74, MR84) wireless Access points in the warehouses.

- Administering, managing, maintaining, and troubleshooting Cisco Firewall, Palo alto firewall, F5 Load balancer, SDWAN devices and network switches related issues.
- Troubleshooting SDWAN queries through Router based SDWAN technologies.
- Deployed the VDI access infrastructure including the installation and configuration of StoreFront 2.5 and NetScaler SDX.
- Netscaler / Netscaler gateway 9.0/10.1/10.5/11.0 for XenApp & XenDesktop.
- Deep Knowledge of Netscaler feature such as GSLB, SSL offloading, HA, Application load balancing.
- Extensive experience with Citrix XenApp, EdgeSight, NetScaler, Microsoft Server OS, Microsoft App - V, Appsense and Citrix Provisioning Services.
- Upgraded Citrix Netscaler Gateway from 10.0 to 10.5.
- Expert knowledge of all facets of Citrix NetScaler and NetScaler Gateway ADC.
- Citric NetScaler 9.3 to 10.1 firmware upgrade experience in Citrix NetScaler application delivery controller.
- Cisco CSM to Citrix NetScaler VPX 10.1 migration.
- Cisco CSS to Citrix NetScaler VPX 10.1 migration.
- Citrix NetScaler MPX 9.3 to Citrix NetScaler VPX 10.1 migration.
- Primarily responsible for production NetScaler 9.X, upgrading production NetScaler from 9.x to 10.x, NetScaler configuration and setup on all sites.
- Netscaler GSLB, HA, 2 factor token, EPA and VPN functionality setup.Accomplished in script writing for system utilities (Perl, PHP, sh, csh).
- Scripting / programming, development/engineering to automate process Ruby, PHP, Perl, BASH
- Skilled with Linux OS, Solaris OS and Apache server.
- Experience with Cisco (VTS) in integrating solutions into existing network infrastructures.
- Experience with configuring BGP, OSPF in Juniper M and MX series routers. Worked on several BGP attributes like MED, AS-PATH, Local Preference for route optimization. Worked on Route-Reflector, Route-Redistribution among routing protocols.
- Experience working with Juniper devices like EX-2200, EX-4200, EX-4500, MX-480, M Series, SRX650, SRX240
- Managed AD Domain Controller, DNS, and DHCP servers and configurations.
- Monitored and responded to network anomalies utilizing Solarwinds/Orion's software and recommended appropriate network solutions for issues.
- Hands-on experience in deployment of projects for network monitoring software like SolarWinds and WhatsUp Gold.
- Troubleshooting Cisco routers, APs, Switches, Fortinet Devices and Meraki appliances.
- Maintained, and expanded current Solarwinds deployment.
- Proactive monitoring of network and store environments using SolarWinds and Spectrum.
- Implemented Firewall rules and Nat rules by generating precise methods of procedure (MOPs). Responsible for packet capture analysis, Syslog, and firewall log analysis.
- Experience with F5 load balancers LTM and GTM and reverse proxy design and setup. Migration from A10 to F5.
- Experience in F5, Cisco ACE 4710 Load balancers. Migration Experience from ACE to F5 and Net Scalers to F5. Worked on critical applications on Layer 4 and layer 7 load balancing. Experience with Virtual Server, Pool, Node, Profiles – TCP, Http, https, FTP, fastl4, Persistence – Source IP, SSL, Cookie, SNAT, iRules, iAPPs, SSL offloading.
- Experience with F5 GTM and in-depth knowledge of DNS, Global level load balancing, Wide IP's, Zones, Prober pools, Delegation from Windows DNS server to listener IP.
- High-level network troubleshooting and diagnostic experience using Packet capture tools like Wireshark.
- Configured network using routing protocols such as RIP, EIGRP, BGP, and OSPF and troubleshooting L2/L3 issues.
- Regular upgrade and maintenance of Infrastructure, Installing, configuring, and maintaining Cisco Switches (2960, 3500,7600, 3750, 3850 series, 6500 series) Cisco Routers (4800, ASR 9K, 800), Juniper Routers and Firewalls, Nexus 7k,5k & 2k, f5 BIG IP, Palo Alto Firewalls, Bluecoat Proxy, and Riverbed Steelhead appliances.
- Worked on Riverbed steelhead appliance to troubleshoot delay, jitter issues. Captured traffic and analyzed it for the root cause. Wrote policies and rules in steelhead.
- Adding and modifying the servers and infrastructure to the existing DMZ environments based on the requirements of various application platforms
- Worked on migration from Iron Port proxies to Zscaler cloud proxies. Access Policies and Authentication using Azure AD.

- Assist in creating network design standards for hardware and software. Developing and maintain Network Documentation (Visio diagrams, Excel spreadsheets, Word documents, etc.) Configure and troubleshoot network elements in a test/dev environment.
- Configured policies on zscaler using ad groups. Integrated zscaler with azure AD SCIM for ad groups and user saml attributes
- Worked on Orion (Solar Winds) for mapping network diagrams, updated Orion with commissioned and decommissioned network devices.
- Experience with configuration of Cisco call manager, Installing, and worked on ICM management.

Environment: Cisco Meraki, Cisco Routers (4800, 3800, 3600, 2800, 2600, 2900, 1800, 1700, 800), switches (6500/3750/3550 3500/2950), F5 Load balancing (LTM, GTM, APM, AFM, ASM), EIGRP, RIP, OSPF, Aruba 3810, Voice Gateways, BGP, VPN, MPLS, Ether Channels, Cisco Catalyst Switches, Firewalls (Cisco ASA, Palo Alto), Cisco Voice (CCM, UCCE), Shell Scripting.

Farm Credit Financial Partners Inc,Agawam, MA Oct 2020 – May 2022
Sr Network Operations Engineer

Worked in Enterprise and Datacenter environment on switching, routing, firewalls (Site to Site VPN tunnels), and VOIP. Worked on Different VOIP systems on the network. Worked on Cisco Wireless. Worked on Load balancers in Datacenter for internal and external applications.

- Worked as part of a delivery team where my daily tasks included code upgrades, prefix-list addition, and access-list addition using python script and on Linux platform based on tickets generated by customers.
- Worked on an Automation tool called Autopilot an internal tool used for code upgrades and configuring of new devices at different data centers.
- Performed installation, commissioning, integration, and testing of AT&T's 4G/LTE network in the BAWA market, including all troubleshooting of ALU's 4G equipment working in tandem w/ antenna crews to troubleshoot and resolve any RF issues related to the 4G network provide support and training to other technicians on all 4G equipment
- Migration and implementation of Palo Alto Next-Generation Firewall series PA-500, PA-3060, PA-5060, PA-7050, PA-7080 from Cisco PIX and ASA.
- Routers: Cisco (IOS and IOS-XR), Juniper MX Series routers, and Nokia (Alcatel 7750, 7950).
- Worked on the BGP routing protocol, configuring BGP sessions and troubleshooting on Nexus 1K, 5K, 7K, Juniper MX-960 routers, and cisco ASR routers.
- Installed and maintained production servers for client services (web, DNS, DHCP, mail). Experienced working with Palo Alto Next-Generation firewall with security, networking, and management features such as URL filtering, Anti-virus, IPsec VPN, SSL VPN, IPS, Log Management, etc.
- Coordinated with the Application Teams to develop effective Application validations involving F5 LTM and GTMcomponents
- Managed Solarwinds to work with various network equipment to monitor, alert, and save network configurations
- Worked with the Network planning team on the IP allocation scheme for the routers, switches, workstations, phones, APs, and various other devices. Used Infoblox, Net MRI, Solarwinds IP monitor, and various tools.
- Designed and Implemented Overlay Network Management Network to manage all our production devices with Syslog, Solarwinds NPM
- Network security including NAT/PAT, ACL, and ASA/SRX/Palo Alto/Fortinet Firewalls.

- Designed perimeter security policy, Implemented Firewall ACL's, allowed access to specified services, Configured Client VPN technologies including Cisco's VPN client via IPSEC
- Installed and configured LAN/WAN Networks, Hardware, Software, and Telecommunication services- Cisco Routers and Switches like Cisco 3750, 3750 Gig, 6500, Nexus 7k, ASR 9k, etc.
- Helping Team members to build a new cloud platform for an existing legacy application using Azure technologies. Part of Designing the new architecture.
- Experienced in migrating on-premises applications to Azure and configured VNETs and subnets as per the project requirement also performed PowerShell scripting to do Patching, Imaging, and Deployments in Azure.
- Gained Knowledge of Azure Site Recovery and Azure Backup.
- Installed and Configured the Azure Backup agent and virtual machine backup, Enabled Azure Virtual machine backup from the Vault and configured the Azure Site Recovery (ASR).

- Worked on migration project - XenApp 4.5 to XenApp 6.5 - Server 2003 (Legacy) to 2008 R2 (Gen 2) environment.
- Experience in Cisco Unified Communication Manager (CUCM), Call Manager Express (CME), Cisco Unity Connection (CUC), Unified Contact Center Express (UCCX), Unified Contact Center Enterprise (UCCE), IM and Presence, SRST, and Voice Gateways.
- Working with Fortinet Firewall to create policy, HA and monitor malicious traffic.
- Managed Cisco call manager, Cisco Voice Mail Unity servers. Worked within Cisco Routing and switching background w/QoS.
- Troubleshooting Cisco routers, APs, Switches, Fortinet Devices and Meraki appliances.
- Worked with Cisco UCCE, IPIVR, Cisco Unified Communication System.
- Configure and implement voice gateways (H323/MGCP/SIP), SRST for remote sites Developed MTS software plug-in for Multimedia over Coax Alliance (MoCA) configuration capability on DOCSIS cable modem and gateway products.
- Worked in team environment Developing new UCCE / UCCX applications and maintaining legacy applications
- Configuring firewall rules in the Juniper SRX firewall using CLI and NSM.
- Extensively worked in backend development using Python.
- Developed entire frontend and backend modules using Python on Flask Web Framework
- Implementing IPv6 addressing scheme for routing protocols, VLANS, subnetting, and mostly during up-gradation of cisco ISR routers2800/2900/3800/3900 and switches.
- Managed Cisco call manager and supported cisco call center.
- Configuration and deployment of cisco ASA 5540 firewall for internet Access requests for servers, Protocol Handling, Object Grouping.
- Worked on Cisco wireless LAN technologies and Switching. Configured Virtual server, service groups, Session persistence, Health monitors, and Load balancing methods in new F5 and A10 LTMs. Configured WIDE IP and WIDE IP pool on F5 GTM's to support load balancing between data centers.
- Installation & configuration of Microsoft Proxy Server 2.0 and Infoblox DNS, DHCP, and IP Address Management
- Worked on Infoblox to update the DNS host and A records to assist the part of the migration
- Security configuration on Wireless LAN using protocols PEAP, EAP-FAST.
- Assigning RADIUS and TACAS for new deployments in the production environment. AAA for users to implement changes on production devices. Most of these devices are cisco propriety.
- Worked along with Microsoft operation center for monitoring traffic on the devices going to up-links and divert traffic on to different routes after traffic level reaching a threshold value.
- Generating audit reports by running automated scripts on various devices to check the layer 2 issues like errors on the links, port flappings.
- Analyzing the Audit report and work along with Datacenter teams to check the optics and troubleshoot issues.
- Coordinating along with Global data center teams located at different locations and work along with them for troubleshooting layer 2 issues.
- Migration from NetScaler's to F5 without any downtime.
- Assisting offshore teams located in India in upgrades, VLANs configurations, in troubleshooting layer 3 issues, and routing protocol issues mostly BGP.
- Troubleshooting Cisco routers, APs, Switches, Fortinet Devices and Meraki appliances.
- Documentation of various changes made on devices and submit them for approvals and work along with the alerts team and intimate them the changes to be made.

Environment:Routers (Nexus 1K, 5K,7K, Juniper MX-960), switches (6500/3750/3550 3500/2950), F5 Load balancing (LTM, GTM, APM, AFM, ASM), EIGRP, RIP, OSPF, BGP, VPN, Unified Contact Center Enterprise (UCCE), MPLS, Cisco Catalyst Switches, Firewalls (Cisco ASA, Palo Alto), Cisco Voice (CCM, UCCE, UCCX), Citrix.

Stanford Health Care, Palo Alto, California Oct2019–Sep2020
Network Security Engineer

Installed PA firewalls. Worked on Tier 3 Issues. Managed IP subnets, Monitoring. Worked on service now tickets on Network issues in data center and Enterprise. Upgradation of IOS for various equipment on a timely basis.

- Implementing security solutions using Palo Alto PA-5000/3000, Cisco 5580/5540/5520, Checkpoint firewalls R70, R75, R77.20 Gaia, and Provider-1/MDM.

- Configuration and administration of firewalls, which include Checkpoint, Juniper, and Cisco ASA firewalls.
- Configuring High Availability using Cluster XL on Checkpoint as well as VRRP and monitor the Sync status for tasteful replication of traffic between active and standby members.
- Deploy, configure, and support Aruba wireless controller and AP devices globally, also a direct escalation path for all wireless issues.
- Enterprise and Public Safety Wireless LAN/WAN (802.11, Mesh).
- Researched, designed, and replaced Checkpoint firewall architecture with new next-generation Palo Alto PA3000 and PA5000 appliances serving as firewalls and URL and application inspection.
- Configuring rules and Maintaining Palo Alto Firewalls & Analysis of firewall logs using Panorama.
- Successfully installed Palo Alto PA-3000/PA-5000 firewalls to protect Data Center and provided L3 support for routers/switches/firewalls.
- Configured and maintained IPSEC and SSL VPN's on Palo Alto Firewalls and implemented Zone-Based Firewall and Security Rules on the Palo Alto Firewall.
- Exposure to wildfire feature of Palo Alto.
- Administered Cisco AMP endpoint security infrastructure and monitor endpoints for threats.
- Exposure to design and implementation experience primarily on Cisco WSA proxy.
- Configuration and Maintenance of Cisco ASA 5580-20, ASA 5540, ASA 5520, ASA 5510 series firewalls.
- Configure the Syslog server in the network for capturing and logs from firewalls.
- Provided tier 3 support for Check Point and Cisco ASA Firewalls to support customers, Backup and restore checkpoint and Cisco ASA Firewall policies.
- Experience configuring and managing Cisco Web Security Appliance (WSA) in an enterprise environment
- Monitoring Traffic and Connections in Checkpoint and ASA Firewall.
- Manage the project task to migrate from Cisco ASA firewalls to Check Point firewalls.
- Policy Reviewing, Audit, and cleanup of the un-used rule on the firewall using Tufin and Splunk.
- Configuring and troubleshooting site-to-site IPSEC VPN tunnels using Cisco ASA 5540 for third party connectivity.
- Creating objects, groups, updating access-lists on Check Point Firewall, apply static, hide NAT using the smart dashboard.
- Installed and configured high availability Big IP F5 LTM and GTM load balancers like 6600, 6800 to provide uninterrupted service to customer applications and monitoring the availability.
- Identified opportunities for implementation of network best practices, particularly F5 load balancer implementations.
- Configuring F5 Load Balancers: Adding virtual IPs, nodes, pools, and health monitoring.
- F5 BigIP iRules programming and troubleshooting.
- Worked on F5 solutions/support for migration work of applications and websites from Cisco CSS Load Balancers to the F5 BigIP Load Balancers.
- Configuring SNAT, High Availability on F5 BIG-IP appliances SSL termination and initiation, Digital certificates
- Worked with protocols such as Frame Relay, IEEE 802.11 and VLAN, OSPF and BGP, DNS, DHCP, FTP, NTP, SNMP, SMTP, and TELNET.
- Configure and Monitor Cisco Sourcefire IPS for alerts.
- Provided operational support for network topologies and connections TCP/IP, ATM, VOIP(Voice-over-IP), and MPLS.
- Performs router configurations on Dedicated Internet Access (DIA) and VOIP(Voice-over-IP) products.
- Supported the telephony specialist in the phased migration from PBX based systems to VOIP(Voice-over-IP).
- Configured separate VLAN for VOIP to implement QoS and security for VOIP(Voice-over-IP). Administered network operating infrastructure (broadband, VoIP (Voice-over-IP), MPLS) and managed services (virtual servers, firewall, data storage, and cloud-based voice)
- Working with different teams to gather info for the new request and troubleshoot for any connectivity issues by capturing traffic using TCPDUMP and smart view tracker.
- Worked on VPN configuration, routing, NAT, access-list, security contexts, and failover in ASA firewalls.
- Provide support to help desk for complex/major network problems. Build the rules for the application access across the IPSEC VPN tunnel
- Follow information security policies, methods, standards, NIST standards, and practices to organize information systems, IT reference material, and interpret regulations.

- Monitor Intrusion Detection Systems (IDS) console for active alerts and determine the priority of response.
- Strong understanding of Cisco networking technologies: ASA, IPS, WSA, ACS, VPN.

Environment: Cisco ASA5580/5540/5520, Checkpoint R70, R75, R77.20 Gaia, Palo Alto PA-5000/3000, IEEE 802.11Big IP F5 LTM/GTM, Nexus switches, TCP/IP, VPN, Cisco WSA, Bluecoat Proxy servers, IDS/IPS. SIEM and Monitoring.

Avaya, Denver, Colorado July 2017 – Sep 2019
Network Engineer

Worked in a NOC team on Layer1/2/3 issues in the network. Worked on various cisco switches and routers. Worked on Firewall rules, VPN tunnels. Includes Cabling and racking.Worked on Cisco routers 7200, 3700 and Cisco switches 4900, 2900.

- Key contributions include troubleshooting of complex LAN/WAN infrastructure that include.
- Configured firewall logging, DMZs, related security policies, and monitoring.
- Creating private VLANs & preventing VLAN hopping attacks and mitigating spoofing with snooping & IP source guard.
- Installed and configured Cisco PIX 535 series firewall and configured remote access IPSEC VPN on the Cisco PIX Firewall.
- Enabled STP enhancements to speed up the network convergence that include Port-fast, Uplink-fast, and backbone-fast.
- Other responsibilities included documentation and change control.
- Responsible for Configuring SITE-TO-SITE VPN on Cisco routers between headquarters and branch locations.
- Implemented the security architecture for highly complex transport and application architectures addressing well. known vulnerabilities and using access control lists that would serve as their primary security on their core & failover firewalls.
- Installation & configuration of Cisco VPN concentrator 3060 for VPN tunnel with Cisco VPN hardware & software client and PIX firewall.
- Involved in troubleshooting of DNS, DHCP, and other IP conflict problems.
- Used various scanning and sniffing tools like Wire-shark.
- Hands-on experience working with security issues like applying ACLs, configuring NAT, and VPN.
- Troubleshoot problems on a day to day basis & provide solutions that would fix the problems within their Network.
- Part of Network Operation Center NOC offshore support team from India supporting HP Data Center 24x7. L2 support for Cisco PIX and ASA Firewalls.
- Schedule changes and work through maintenance requests over weekends.
- Perform daily maintenance, troubleshooting, configuration, and installation of all network components.
- Assisted in troubleshooting LAN connectivity and hardware issues in the network of 100 hosts.
- Maintained redundancy on Cisco 2600, 2800, and 3600 routers with HSRP.
- Hands-on experience in Cisco Routers and Switches.
- Configuration of CISCO Routers (2600, 2800 Series) and 3550, 4500 series switches.
- Creating groups, users, and policies in Active Directory.
- Troubleshoot and support Cisco Core, Distribution and Access layer routers and switches.
- Built IPsec based Site-to-Site VPN tunnels between various client locations.
- Maintenance and Troubleshooting of connectivity problems using Ping, Traceroute.
- Managed the IP address space using subnets and variable-length subnet masks (VLSM).
- Point-to-Point, Frame Relay, T3, ATM, WAN troubleshooting.
- LAN cabling in compliance with CAT5 standards.
- Troubleshooting Active Directory, DNS, and DHCP related issues.
- Documenting and Log analyzing the Cisco PIX series firewall.
- Configured BGP for CE to PE route advertisement inside the lab environment.

Environment: Cisco 2600/2800 routers, Cisco ASA, TCP/IP, VLSM, AD, DNS, Switching/Routing.

Virtusa, Hyderabad, India Aug 2015– May 2017
Network *Operation Engineer*

Worked in an Operations team to support and troubleshoot issues related to switching, routing, and Firewalls. Coordinate with the testing team and deployment team for any issues.

- Responsible for PIX 7.x/8.x & ASA 8.x Firewall migration and in place hardware upgrades and Troubleshooting, IOS Security Configurations, IPsec VPN Implementation and Troubleshooting, DMZ Implementation and Troubleshooting.
- Configuring static NAT, dynamic NAT, inside Global Address Overloading, TCP overload distribution, Overlapping Address Translation.
- As part of the Security and network operations team I was actively involved in the LAN/WAN level 3 support (diagnose and troubleshoot layer 1, 2, 3 problems)
- VLAN implementation, Spanning Tree Implementation, and support using PVST, R-PVST, and MSTP to avoid loops in the network. Trunking and port-channel creation.
- Responsible for Firewall upgrades as well as Troubleshooting, Security Configurations, IPsec VPN. Implementation and Troubleshooting, DMZ Implementation, and Troubleshooting.
- IOS Upgrades from 7.x to 8.x as well as backup and recovery of configurations.
- Work in an enterprise network environment with dynamic routing using OSPF and BGP for external connectivity.
- Configured Switches with proper spanning tree controls and BGP routing using community and as-path prepending attributes.
- Install Windows Server 2003, configure IP addresses, network printers, and configure Client Access for PCs.
- Work with BGP routing protocol for communication with business partners and influence routing decisions based on AS Path Prepend and other attributes.
- Administer and support Cisco-based Routing and switching environment.
- Physical cabling, IP addressing, Wide Area Network configurations (Frame-relay).
- Deployed a Syslog server to allow proactive network monitoring.
- Implemented VLANS between different departments and connected them using trunk by keeping one VLANS under server mode and rest falling under client modes.
- Configured Client VPN technologies including Cisco's VPN client via IPSEC.
- Configured Firewall logging, DMZs, and related security policies and monitoring.
- Switching related tasks included implementing VLANS and configuring ISL trunk on the Fast-Ethernet channel between switches.

Environment: PIX, CISCO routers, and switches, Access Control Server, VLAN, Trunk Protocols, CISCO ASA, DHCP, DNS, SAN, Spanning tree, Nimsoft, Windows Server, Windows NT.

Bini Berhane

Email: bin.gedayb @gmail.com

Phone number: 720-446-8301

SUMMARY

- Microsoft SQL Server Database Administrator with 9+ years of professional experience in different Microsoft products. As a DBA professional and troubleshooting experience include
- SQL Server database administration, data modeling, gathering and analyzing business requirements and Operating Systems. Solid working experience in managing large databases, backup/recovery, high availability solution like Mirroring
- Log shipping, Replication and SQL Failover Cluster and AlwaysOn, developing and managing reports using SQL Reporting Services (SSRS), Monitoring
- Performance Tuning, stored procedures, triggers, functions, constraints and views etc. Working experience entails strong knowledge on using database third party tools like OpNet, SolarWinds, Idera, ERWin, Visio, and Toad Data Modeler.
- Migrated and Managed SQL databases in Azure Cloud Environment include SQL Server, Azure SQL, setup instance, develop and manage databases
- Strong business and technical vision with effective people skills, ability to manage multiple complex projects, innovative and creative problem solver, results oriented, and has an aptitude for learning and can maximize resources while possessing a sense of urgency.

Education: Entoto T.V.T collage Addis Ababa Ethiopia electricity advanced certificate 2007

Certifications:"MS Certified Solution Associate" 2021

SQL Server DBA
SunTrust Banks Atlanta, Georgia, United States
October 2018 – To Present
Responsibilities

- Installing, managing, and administering MS SQL server 2012, 2016 and 2019 versions.
- Implemented side-by-side and in-place migration of older to newer SQL server versions.
- Applied Patches and Service packs to update different versions of MS SQL server and windows server.
- Responsible for configuring and administering High Availability and disaster recovery solutions like Always On availability groups, Clustering, Transactional Replication and Log shipping.
- Configuring daily administrative activities like controlling user privileges, roles, monitoring the security and audit issues.
- Planning and applying Backup and restoration activities.
- Creation, configuration and administration of SQL Servers in a VM on Azure.
- Setup, configuration, administration of SQL Servers Always ON in a VM on Azure.
- Deployed IaaS virtual machines (VMs) and cloud services PaaS role instances) into secure VNets and subnets.

- Configured Database mail, linked servers, Transparent Data Encryption (TDE), Change data capture(CDC).
- Performed Administrative tasks in SQL Server using PowerShell.
- Reorganize and rebuild indexes at a regular interval for better performance.
- Fine-tuned Stored Procedures using Execution Plan in T-SQL for better performance.
- Routinely evaluate and improve methods for administering and maintaining databases and servers.
- Creating and scheduling maintenance plans for updating statistics, checking fragmentation, checking database integrity and backup plans.
- Provide exceptional technical support 24/7 to ensure optimal customer service.

SQL Server DBA

Eli Lilly Indianapolis, Indiana, United States

October 2015 – September 2018

Responsibilities

- Installed, Configured, and Managed SQL Server 2016, 2014, 2012, 2008 R2 in development, test, and production environment
- Installed & Configured SQL Server Reporting Services (SSRS)
- Developed Ad-hoc Reports using SSRS
- Installed, Configured and Maintained Fail-Over Clustering using SQL Server 2012
- Installed, Configured and Maintained Database Mirroring using automatic fail-over option in SQL Server 2008 R2 & 2012
- Configured and Maintained Replications (Transactional)
- Configured and Maintained AlwaysOn in SQL Server 2016
- Database Upgraded (development, testing and production environment):
- SQL Server 2008R2 to SQL Server 2014 and 2012
- Database Migrated (development, testing and production environment)
- Oracle 10g databases to SQL Server 2012
- My-SQL 5.0.1 databases to SQL Server 2012
- Backward & Forward Engineering with data modeling
- Applied SP (Service Pack) on SQL Server 2012
- Strong on database Monitoring and Performance tuning
- Scheduled jobs to automate different database related activities including backup, monitoring database health, disk space, backup verification
- Monitor SQL Server Error Log, space usage
- Assisted Database Developers to optimize SQL queries and Stored Procedures
- Export & Import data from Flat file, CSV file to/from SQL Server Database using SSIS,
- Export & Import data from/to databases like Oracle, My-SQL, and Access to/from SQL Server
- Experienced with Point-in-Time Recovery, restored Database from backup

SQL Server DBA

American Express New York, New York, United States

January 2013 – August 2015

Responsibilities

- Maintains the overall enterprise database architecture including number of instances and how each is used
- Designs and implements databases in conjunction with the application development and Enterprise Data Analyst teams
- Provides consultation and trouble shooting for the development team
- Implements and maintains database security
- Provides 7X24 database support for production databases
- Design build, configure, upgrade, and manages database installations
- Proactively monitor and perform database performance tuning activities
- Provide input into overall development/implementation plan and document database builds and changes, perform SQL designs, table designs, and stored procedures work
- Translate logical to physical design, develops comprehensive DB architecture, implementation and upgrade plans and assists in definition of database standards, policies, and procedures
- Extensively worked in designing backup strategy using Full, Differential and Transactional log backups and setting automated jobs.
- Migrated data using Import/Export, bulk, backup-restore, DTS, SSIS, Detach/Attach
- Performed data Extracting, Transforming and Loading (ETL) from different data sources.
- Rebuilding /reorganize indexes to reduce fragmentation and enhance SQL server performance
- Created triggers, views and stored procedures,
- Implemented database Maintenance plans, scheduled automated SQL Server jobs, Created Alerts, Operators, Notifications and configured database Mail.
- Hands on experience monitoring and performance tuning using Tuning Advisor, SQL server Profiler, Activity monitor, Windows performance monitor, DBCC, DMVs, Stored procedures
- Working with Resource Governor to control and allocate CPU and memory resources depending on the priority of applications.

Bindu Rani Gopal
(210) 256-2225
bindurani275@gmail.com

Professional Profile:

I am an enthusiastic and professional Team Player, who enjoys being part of a successful and productive team. I am quick to grasp new ideas and concepts, and to develop innovative and creative solutions to problems. I am able to work well on my own initiative and can demonstrate the high levels of motivation required to meet the tightest of deadlines. Even under significant pressure, I possess a strong ability to perform effectively.

Professional Summary:

- Around 9 **years** of professional experience in **Oracle Database Administration**
- Expert in areas of **Oracle 11g/10g/12c/19c, PL/SQL, SQL, SQL*Plus, SQL*Loader.**
- Experience with Building **RAC, Data Guard, ASM, Flashback and RMAN**
- Experience in Various Flavors of **UNIX - Linux, Sun Solaris.**
- Gathering business requirements and designing, implementing multiple projects along with production support.
- Hands on experience in Oracle Cluster ware setup and configuration, RAC installation using ASM, Grid Installation.
- Extensively worked on upgrading the **ODA's,** successfully upgraded the oak versions from 12.1.2.5 to12.2.1.4 with 16 plus hours' downtime.
- **Implemented Data guard** (Physical Standby) for RAC databases.
- Migrated **Non ASM** databases to **ASM**.
- Experience with **Real Application Testing** (**RAT**)
- Experience with High Availability features (**RAC/ DG/ ASM / Flashback / RMAN**)
- Good knowledge of 12c new features.
- Experienced in **Oracle installations, upgrades, migration, designing logical/physical architecture, SQL*Net, Tuning, Capacity planning, database access** and **Security and auditing**.
- Troubleshooting of **Performance** and **Tuning** problems in Oracle database using tools like **AWR, ASH, ADDM, OEM Grid Control** and manual scripts.
- Installation, Configuration and administration **Oracle Golden Gate**
- **Refresh and Cloning using Data pump and RMAN** with Commvault, **VERITAS Net Backup & TSM**.
- Expertise in **Maintenance, Patching, Cloning**and **troubleshooting.**
- Excellent knowledge in **User Managed / RMAN backups and Recovery**.
- Experienced in Database **Point in Time Recovery and Tablespace Point in Time recovery.**
- Enforcing **security** by creating **roles, granting** system and object **privileges** on the Tables, and stored procedures with DBA concepts.
- Good understanding of **Normalization Techniques**.
- Created and modified Database objects like **Tables, Indexes, Views, Sequences, Functions, Procedures, Triggers, Stored Procedures** and **Packages**.
- Experience in Working with **Oracle Support** to resolve issues and open TAR / SR
- Enforcing **data integrity** using integrity **constraints**& database **triggers**.
- Good experience **in SQL, PL/SQL, Shell Scripting, Perl Scripting, Partitioning, Data modeling, OLAP, Logical and Physical Database Design, Backup and Recovery procedures.**
- Excellent **Analytical, Communication** and **Presentation skills.**
- **24x7 support provided during on-call schedules.**

Technical Skills:

Hardware	Red-Hat Linux Enterprise servers (HP ProLiant DL 585, BL 465/485,MLSeries), Solaris 9,10, SAN (NetApp), BladeLogic, Veritas Cluster Server 5.0, Windows 2003 server, Dell Power edge 1300/1500 server, Blade server, Oracle RAC.
Operating systems	Red Hat Linux (RHEL) 5/6/7, Solaris 9/10, IBM AIX 5.3, Windows NT /2003/vista,

	Fedora 16/17/18, SUSE 10.x
Naming Services	DNS, NIS, and NIS+
Backup Management	VERITAS NetBackup 4.x/5.x/6.x, ufsdump, ufsrestore, tar, snap mirror, Snap Center.
Script, Programming Languages	Shell scripts, PERL, C++
Web Technologies	Apache 2.x/3.x, IPLANET 4.x/5.x, WEBLOGIC 8, WebSphere 4.0/5.0
Storage	SAN, EMC Symmetric / Clarion, iSCSI, SNAP, NAS, DAS
Third-party Software	VERITAS Volume Manager, LVM, LDAP
Cluster	Red Hat Cluster, Veritas Cluster Server (VCS), Sun Cluster, AIX HACMP
RDBMS	Oracle 19C, 18C,12C/11G , MS SQL Server
Protocols	NetBIOS, NetBUI, SMTP, SNMP, ICMP, TCP/IP, FTP, TELNET, SSH, UDP & RIP, DNS, WINS, DHCP, SCH
Antivirus	Symantec Antivirus Corporate Edition, Trend Micro Messaging Suite for Exchange, MacAfee Virus Scan Engine 7.1 / 8i, AVG (Grisoft)
Remote Access Tools	Terminal Services, Net Meeting, Web – Ex, PC Anywhere and VNC for Windows Servers

Education:

- Bachelor's Degree in Computer Science Engineering from Jawaharlal Nehru Technological University, Telangana, India.

ProfessionalExperience:

Emblem Health,New York **Apr 2021 – Present**
Oracle DBA

Responsibilities:

- Maintaining of Oracle 12c and 19c on RHEL 5.1 and 7.3 Versions.
- Upgrade/Migration of Databases from **Oracle 12.1.0.2 to 19.10.0.1**version.
- Documenting, creating POC on testing newer versions of Oracle Releases 19c.
- Upgraded to **19C 18C 12c**Grid Infrastructure from 12c.
- Supported Main DBA functions in RDS and documenting in confluence page.
- Supporting High Availability Environment and monitoring those databases for performance tuning.
- Performed SQL and PL/SQL tuning, oracle contention and monitored production database using automatic workload **repository (AWR), automatic database diagnostic monitor (ADDM) and Active Session History (ASH).**
- Successfully upgraded 12c (12.2.0.1) Grid to **19c (19.0.0.3)** on a standalone system.
- Successfully upgraded 12c (12.2.0.1) Databases to **19c (19.0.0.3)** on a standalone and RAC system.
- Migrated dev stage and prod databases using the **Snap Mirror** technologies.
- Scheduling backup's in the **Snap Center** technologies.
- Created **User accounts, Roles** and granting required **access permissions** and **privileges** to the database based on the applications they are accessing.
- Responsible in **configuring and backing up database using RMAN, Hot backups, Cold backups and Logical backups.**
- Other duties include applying oracle database patches, design and creation of databases as per user requirement, creation of database users, monitoring, tuning, troubleshooting, backup and recoveries.
- Responsible for setting and managing **user accounts**, Granting required privileges to users.
- Applied PSU quarterly on **19c GRID & RDBMS homes using Opatch auto and Up-gradation of 11g/12c**

databases and Implementing catalog backup from RMAN.

- Performed periodic **refreshing/cloning** of production databases to development & testing databases using **RMAN** Duplicate database.
- Created **Physical Standby** databases using RMAN with zero downtime, performed Failover and Switchover using **Data Guard Broker** and **manually** as and when required.
- Refreshing development/test database from production using Export/Import & RMAN backups.
- Expertise in implementing **data refreshes** (at database, schema & table level) using **RMAN** utility and **Data pump, conventional Export/Import of Oracle**
- Database monitoring/maintenance, replication process and performance tuning are done using **OEM (Oracle Enterprise Manager).**
- Planned **database backups (operating system, full/partial backups, and export/import) using various types of backups** and designed the backup methodology for the organization.
- Applied **PSU Patches**as a part of maintenance activity. used **Data pump, conventional export/import** utilities for loading data to & from databases, **logical backups** and **migration** of databases.
- Determine possible backup, restoration and recovery strategy using **RMAN** (level 0 and level 1 backup) and incremental updated backup.
- Created and maintained different database entities included tablespaces, data files, redo log files, rollback segments and renaming/relocating of data files on servers.
- Actively Participated in DR Test.
- Increased database performance by utilizing MySQL config changes, multiple instances and by upgrading hardware.
- Performed MySQL Replication setup and administration on Master-Slave and Master-Master.
- Monitoring Year Old SQL Authenticated accounts, Sys Admin Accounts and Password Policy Check for SQL Accounts.
- Involved in trouble shooting of database and vendors' application problems
- Implementation of SQL Logins, Roles and Authentication Modes as a part of Security Policies for various categories of users.
- Strictly following up with the DC Team for kernel patching schedules as part of server management
- Reviewing and verifying Database backup details, Database user privileges, Inactive user accounts.
- Followed service now ticketing system for the entire project
- Production support to various db servers and participated in On-Call rotation on weekly basis
- Provided 24*7 Production Support.

Environment:RHEL 5.1 and 7.3, Oracle 12c/19c, RAC, OEM 12c/13c, RMAN, Data Pump, Diagnostic and Tuning Advisors, RMAN, Exports, Imports, Microsoft Windows Server 2012/2014.

Blue shield of California, California. **June 2020– March 2021**
Oracle DBA

Responsibilities:

- Maintaining of Oracle 12c and 19c on RHEL 5.1 and 7.3 Versions.
- Upgrade/Migration of Databases from **Oracle 11.2.0.3, 11.2.0.4 to 12.1.0.2** version.
- Documenting, creating POC on testing newer versions of Oracle Releases 19c.
- Upgraded to **19C 18C 12c**Grid Infrastructure from 11g.
- Worked on AWS Database Migration Services for migrating data from Oracle to RDS.
- Worked on Configuring and installation of DataGuard Broker on AWS Servers.
- Supported Main DBA functions in RDS and documenting in confluence page.
- Worked on Implementing Disaster Recovery strategies for RDS Oracle databases and documented into confluence page.
- Defined AWS Security Groups, which acted as virtual firewalls that controlled the traffic, allowed reaching one or more AWS EC2 instances.
- Worked on migrating Oracle databases to AWS RDS using utility AWS Database Migration Service (DMS).
- Supporting High Availability Environment and monitoring those databases for performance tuning.
- Performed SQL and PL/SQL tuning, oracle contention and monitored production database using automatic workload **repository (AWR), automatic database diagnostic monitor (ADDM) and Active Session History (ASH).**

- Successfully upgraded 12c (12.2.0.1) Grid to **19c (19.0.0.3)** on a standalone system.
- Successfully upgraded 12c (12.2.0.1) Databases to **19c (19.0.0.3)** on a standalone and RAC system.
- Migrated dev stage and prod databases using the **Snap Mirror** technologies.
- Scheduling backup's in the **Snap Center**technologies.
- Created **User accounts, Roles** and granting required **access permissions** and **privileges** to the database based on the applications they are accessing.
- Responsible in **configuring and backing up database using RMAN, Hot backups, Cold backups and Logical backups.**
- Other duties include applying oracle database patches, design and creation of databases as per user requirement, creation of database users, monitoring, tuning, troubleshooting, backup and recoveries.
- Responsible for setting and managing **user accounts**, Granting required privileges to users.
- Applied PSU quarterly on **19c GRID & RDBMS homes using Opatch auto and Up-gradation of 11g/12c databases and Implementing catalog backup from RMAN.**
- Performed periodic **refreshing/cloning** of production databases to development & testing databases using **RMAN** Duplicate database.
- Created **Physical Standby** databases using RMAN with zero downtime, performed Failover and Switchover using **Data Guard Broker** and **manually** as and when required.
- Refreshing development/test database from production using Export/Import & RMAN backups.
- Expertise in implementing **data refreshes** (at database, schema & table level) using **RMAN** utility and **Data pump, conventional Export/Import of Oracle**
- Database monitoring/maintenance, replication process and performance tuning are done using **OEM (Oracle Enterprise Manager).**
- Planned **database backups (operating system, full/partial backups, and export/import) using various types of backups** and designed the backup methodology for the organization.
- Applied **PSU Patches**as a part of maintenance activity. used **Data pump, conventional export/import** utilities for loading data to & from databases, **logical backups** and **migration** of databases.
- Determine possible backup, restoration and recovery strategy using **RMAN** (level 0 and level 1 backup) and incremental updated backup.
- Created and maintained different database entities included tablespaces, data files, redo log files, rollback segments and renaming/relocating of data files on servers.
- Actively Participated in DR Test.
- Increased database performance by utilizing MySQL config changes, multiple instances and by upgrading hardware.
- Effectively configured MySQL Replication as part of HA solution.
- Performance Tuning on a daily basis for preventing issues and providing capacity planning using MySQL Enterprise Monitor.
- Performed MySQL Replication setup and administration on Master-Slave and Master-Master.
- Monitoring Year Old SQL Authenticated accounts, Sys Admin Accounts and Password Policy Check for SQL Accounts.
- Involved in trouble shooting of database and vendors' application problems
- Implementation of SQL Logins, Roles and Authentication Modes as a part of Security Policies for various categories of users.
- Strictly following up with the DC Team for kernel patching schedules as part of server management
- Reviewing and verifying Database backup details, Database user privileges, Inactive user accounts.
- Followed service now ticketing system for the entire project
- Production support to various db servers and participated in On-Call rotation on weekly basis
- Provided 24*7 Production Support.

Environment:RHEL 5.1 and 7.3, Oracle 12c/19c, RAC, OEM 12c/13c, RMAN, Data Pump, Diagnostic and Tuning Advisors, RMAN, Exports, Imports, SnapCenter, Microsoft Windows Server 2012/2014.

Kaiser Permanente, Hyderabad, India **Jul2015 – May 2020**
Oracle DBA
Responsibilities:

- Maintaining of Oracle 11g and 12c on RHEL 5.1 and 7.3 Versions.

- Upgrade/Migration of Databases from **Oracle 11.2.0.3, 11.2.0.4 to 12.1.0.2** version.
- Documenting, creating POC on testing newer versions of Oracle Releases 18c.
- Successfully upgraded 12c (12.2.0.1) GRID to **19c (19.0.0.3)** on a standalone system.
- Worked on upgrades of the engineered systems (**ODA**).
- ODA (Oracle Database Appliances) upgrades includes the oak version (12.1.2.5 to 12.2.1.4) and also DB home.
- Actively been part of consolidating 2 datacenter's and migrating them to national dc centers depending on the application request.
- Create Best practice documents for all the **ODA** upgrade by educating Team members to follow standard process during maintenance.
- Gathering business requirements and designing, implementing multiple projects along with production support.
- Creation, Configuration and Setting up **of RMAN Catalog databases** and **registering targetDatabases with the Catalog**.
- Setting up and managing **Hot and Cold Backups, Exports, Imports.**
- **Migrating huge database** from **11.2.0.4 to 12.1.0.2** via export and import **data pump utility**.
- Recovered a database which was completely decommissioned using tape backups.
- Refresh the test and development databases from the **source production databases** on a regular basis using **export/import utility.**
- Successfully maintained multiple databases. Implemented Grid Control for managing databases.
- OEM setup for Monitoring and Alerts Management.
- Generated AWR reports from Oracle 11g/12c database and analyzed the reports for Oracle wait events, time consuming SQL queries, tablespace growth, database growth
- Used Explain Plan, Oracle hints and creation of new indexes to improve the performance of SQL statements
- Involved in various activities like preparation of functional and technical documents, discussions with the client regarding the proposed solution, PL/SQL programs scripts, related reports and forms, unit level and user acceptance testing.
- Performed production database maintenance and modifications to ensure **databases are operational**, as well as diagnosed and corrected any database environment problems; monitored database usage, and reported on **database performance and system availability**.
- Implemented "**Stored Procedures and Triggers**" based on business plans using PL/SQL.
- **Optimization** and tuning SQL queries using **TRACE FILE**, **EXPLAIN PLAN**.
- Coordinated with developers and users connecting to different databases, setting policy and procedures as they relate to database maintenance, security, backup & recovery, SQL coding guide lines.
- Working on Installation of Oracle Enterprise Manager Cloud Control 13c.
- Setup Data Guard between multiple datacenters for 12 production databases.
- Worked on building and rolling out new 12c databases for TEST/DEV/QA/PROD environments.
- Worked with developers to diagnose database related application problems, provided development support to maintain application schema and distribution of data.
- Converted a single instance database to Oracle RAC 11g.
- Setting up High Availability Oracle Golden Gate (OGG) systems on Oracle 11gR2 RAC environments.
- Migrated databases using GG and RMAN for 2 node RAC
- Involved in **capacity planning** and resource planning for migrations.
- Generated weekly performance reports to identify and solve the problems with performance.
- Diagnosed Oracle bugs and coordinated with Oracle support through **Metalink** to resolve them in timely manner.
- Responsible for data integrity, user security, daily monitoring for production and non-production systems. Used standard.
- Created and troubleshoot DB Link issues in Oracle for communicating with external databases.
- Extensively worked on **patching** the databases all over the company each quarter.
- Establishing connectivity to databases and monitoring system performance
- Experience in databases applying patches, patch sets and critical patch updates.
- Experience in Data guard configuration, implementing and maintaining standby databases on different platforms.
- Administering, maintaining, developing and implementing policies and procedures for ensuring the accessibility.
- Managed crontab file, rescheduling the failed jobs (due to errors), changing timings for the scripts to run if the job fails and adding new jobs (scripts).
- Reviewing and verifying Database backup details, Database user privileges, Inactive user accounts.
- Followed service now ticketing system for incidents, tasks and Changes in the entire project.

- Software and firmware maintenance of the Exadata storage servers in the Database machine including routine health check, patching and upgrades according to the suggestions from Oracle support department.
- Provided 24*7 Production Support.

Environment:RHEL 5.1 and 7.3, 11g/12c/19c, RAC, OEM 12c/13c, RMAN, Data Pump, Diagnostic and Tuning Advisors, RMAN, Exports, Imports, Flyway,Microsoft Windows Server 2012.

Rory E. Franks

5499 New Milford Rd. Ravenna, Ohio 44266 • (330) 212-1789 • roryfranks777@gmail.com

SUMMARY

As a former Chief Juvenile Probation Officer with significant criminal justice experience, possesses a proven track record of successful program management that positively impacted the lives of youths and families. Demonstrated leadership in executing various initiatives that resulted in a reduction in recidivism rates, increased community engagement, and improved outcomes for at-risk youth while providing for the protection and safety of the community.

Expertise lies in the development and use of current evidence-based practices, tailored to meet the unique individual needs of children under Court supervision. Sustains a deep understanding of the juvenile justice system working collaboratively with a wide range of stakeholders, including police, judges, attorneys, social workers, employers, schools, and community-based organizations, to ensure alignment and fidelity of intended programming.

WORK EXPERIENCE

Portage County Juvenile Court, Ravenna, Ohio

Truancy Specialist October 2022 – April 2023

- Implemented “Transformation of Probation” practices with truants/status level offenders and families in need of services.

Juvenile Probation Officer July 2022 – September 2022

- Supervised a caseload of juvenile felony and misdemeanor offenders.
- Completed Court ordered reports/investigations along with formal testimony presentation.

Chief Probation Officer August 2018 – July 2022

- Oversaw a range of successful programs to support the rehabilitation and reintegration of youth involved in the juvenile justice system, resulting in a reduction of recidivism rates during tenure, particularly probation violations.
- Collaborated with all respective case involved players to ensure alignment and effectiveness of programs.
- Developed current trending evidence-based practices tailored to meet the unique needs of individual youths, resulting in improved outcomes and increased engagement in the rehabilitation process.
- Supervised and trained a team of probation officers, ensuring adherence to established policies, procedures, and ethical standards in the delivery of services.
- Worked in person daily throughout the global pandemic period, providing for identified direct case supervision needs from supervising officers working from home. Managed operations of all delinquency Court dockets.
- Documented county delinquency and RECLAIM statistics for the Ohio Department of Youth Services.

Assistant Chief Probation Officer January 2003 – August 2018

- Front end/field supervisor of probation officers during contacts with youth.
- Visited high risk residences identified from entire Court based caseload. Often overcoming hostile, uncomfortable, and dangerous situations.
- Reviewed, corrected, and approved all department written documents/memos/reports prior to submission to jurists.
- Fill Chief P.O. role during any period of their absence.

Intensive Juvenile Probation Officer August 1996 – January 2003

- Supervised a caseload of felony level juvenile offenders, providing support, guidance, and supervision to ensure compliance with court orders and probation conditions.
- Collaborated with probationers, their families, and community-based organizations to develop individualized rehabilitation plans that addressed the root causes of their involvement in the justice system.
- Conducted regular home, school, employment, and community visits to monitor compliance, assess progress, and provide support for successful outcomes of probationers and their families.
- Coordinated with law enforcement, social services, and other stakeholders to ensure that the needs of probationers were being met and community resources were being effectively utilized.
- Filed charges, conducted arrests, completed evaluations, testified to violations, and transported all youths committed to ODYS.
- Administered and monitored drug and alcohol testing, ensuring that results were reported accurately and in a timely manner.

EDUCATION

Kent State University, Kent, Ohio
Bachelor of Science: Criminal Justice

ADDITIONAL INFORMATION

- Related positions served:
  Federal Bureau of Prisons FCI Florence, CO, Case Manager 1993
  Harbor Light Complex Cleveland, Correctional Counselor 1995.
- Certified OYAS administrator.
- Trained and proficient with use of leading Evidence Based Practices in Criminal Justice Systems:
  Advanced Motivational Interviewing, EPICS and Carey Guides
- Certified CIT officer.
- Coach of Kent State University Bass Fishing Team 2008-present.
- Founder/Director of DoBass.com outdoor fishing promotions 2001-current.
- Instituted “Hooked on Fishing” program for Court involved youths 1997-2002

Stephen Tygard

7280 W Redwall Dr. Golden Valley, AZ 86413 | 307-797-6907 | wyoeaglefan@hotmail.com

Objective:

To further my career as a professional draftsman or geographic information systems professional, in order to produce the resources necessary to support my family.

Skills and Abilities:

Regularly direct up to 50 individuals in multiple crews to ensure identification and remedy of issues in compliance with local, state and federal requirements.

Geographic information systems training including GPS systems and over 17 years experience in ESRI ArcGIS software.

Disposition for drafting and designing in both civil and architectural disciplines.

Effective development, management, and implementation of a digital catalog of 250 commercial vehicles and multiple commercial drivers.

Creation and ongoing development of numerous multifunctional Excel databases for data input and computation with over 15 years daily experience in Microsoft Office suite.

Education:

ASSOCIATES OF APPLIED SCIENCE IN DRAFTING AND DESIGN | MAY 2007 | CASPER COLLEGE

Major: Drafting and Design
Minor: Geographic Information Systems (GIS)
Related coursework: Elements of Surveying

Coursework was real-world focused with industry applicable projects used as assignments. Courses ranged from Mechanical drafting to Architectural drafting with lab time being used as simulated workplace experience.

ASSOCIATES OF SCIENCE IN GEOGRAPHIC INFORMATION SYSTEMS (GIS) | DEC 2014 | CASPER COLLEGE

Major: Geographic Information Systems (GIS)
Minor: Global Positioning Systems, General Education
Related coursework: Led a team that designed, built and presented a Geodatabase for the Downtown Development Authority in Casper, WY.

Focused training using ESRI's ArcMap to complete lab work and projects, while using common industry tools and applying them to simulated industry projects spanning several disciplines. Practical experience gathering data and analysis with Trimble and Garmin GPS units. Development and completion of real-world projects using ArcGIS and related tools. Designing, generating, and managing Geodatabases. Functioning in a team focused environment completing a project using GIS. Received Certificate of Completion in addition to degree.

Work History/Experience:

SURVEY INSTRUMENT TECHNICIAN/GIS ANALYST | CITY OF KINGMAN, AZ | JANUARY 2021 – PRESENT

GIS

Generate, manipulate and maintain shapefiles and geodatabases for survey department. Working on application to facilitate digital recordkeeping. Collaborating and developing GIS applications for inter-agency and public use. Collecting as-built data on jobsites for construction projects. Assisting contractors and inspectors locating property lines, ROW, etc …

SURVEYING

Operating Trimble GPS, Topcon equipment and level tools to perform field surveying functions. Production of necessary drawings for records and documents. Construction staking for capital improvement projects. Cadastral control maintenance and establishment for municipal projects.

PRODUCTION FOREMAN/GIS LEAD/ENGINEERING TECH. | SUNSHINE VALLEY PETROLEUM | MAY 2006 - PRESENT

GIS

Fifteen years of which I have been responsible for the GIS mapping and data management for Sunshine Valley Petroleum, and her partners, using ESRIs ArcMap. I have also used ESRIs ArcScene and its three-dimensional capabilities. I frequently use AllTopo, Google Earth and various other tools available for mapping. I have some experience using IHS's Petra as well.
Generating surface use maps used by land department for surface use agreements, and permitting maps for proposed development.
Using ArcView and GPS in the field to plan access routes and production facility placement.
Utilizing ArcGIS and other resources to correct historical data related to older oil and gas fields.
Aiding in geologic analysis using GIS and available data.
Working on exhibits and presentations for prospects, partner ventures or the Wyoming Oil and Gas Commission.
Compiling lease information in spatial form for reference and field planning.
Using ArcScene for three-dimensional mapping of horizontal wellbores.
Field development planning from conceptualization to regulatory permitting.

OIL & GAS PERMITTING/REGULATORY COMPLIANCE AND PRODUCTION/REVENUE REPORTING

I am currently responsible for the production and revenue reporting for four (4) Wyoming operators. I compile and analyze data for approximately 1050 active oil and gas wells and assemble the necessary revenue and production reports for state and federal agencies on a monthly and annual basis.
Completing and filing necessary forms for state and federal agencies. (Sundry Notices, Completions, Etc.)
Leading all of the permitting for new oil and gas wells, horizontal and vertical for the Bureau of Land Management (BLM) and State of Wyoming.
Utilizing local companies for wildlife studies and environmental work required by BLM offices.
Responding to compliance issues from the BLM and State and address them myself or with field personnel.
Using TL Longbow software for Horizontal well planning.

COMMERCIAL FLEET MANAGER

Created and manage an up-to-date equipment inventory of our service companies DOT fleets which can provide information about each unit quickly and efficiently. Additionally, I developed a system of organization for proper fleet documentation for each individual unit in the fleet.
Tracking and managing over 250 vehicle registrations and licensing requirements.
Monitoring the commercial insurance policy and maintaining driver and vehicle schedules.
Filing the Form 2290 IRS forms for heavy highway vehicles, and the MCS-150 forms for regulating bodies.

IT/TECHNOLOGY

I am responsible for the purchase and maintenance of hardware and software for our office and field personnel.
Troubleshooting and fixing an array of common networking, printing and computer issues encountered in an office environment.
Addressing technology issues remotely and in the field.
Experience with Windows Server 2012 R2. Remote desktop environments and management.
Familiarity with the Windows 10 Operating System.

FIELD WORK/TESTING/PLANNING
I have experience using an echo-meter to test fluid levels and bottom hole pressures on oil and gas wells.
Using GPS units for road planning, permitting and field planning.
BLM Pre-site meetings for well permitting.
Meeting with landowners to go over land use and access.
Land use analysis and development planning.

ADMINISTRATIVE/ACCOUNTING
Experienced in the use of Wolfepak accounting software to generate service tickets and invoices for work performed on other operator's properties.
Generating lease operating statements and cash flow reports.
Researching invoice problems and corrections and general data entry.
Assistance with employee paperwork. (W-4, I-9, Timesheets, Etc.)

CAD DESIGNER/ DRAFTSMAN | EQUITY BROKERS RONNA BORRIL | MAY 2007 – AUGUST 2008

Architectural Drafter/Designer
Planned and designed small residential homes located in a subdivision in the Southern Casper, WY Area. Generated floor plans, site plans, elevations, etc. for homes being built in subdivision. Worked with Broker on design changes and zoning/planning edits Also gave input and design advice at request of broker. Generated and printed final drawings for each building to be built.

CAD DESIGNER/ DRAFTSMAN | CASPER DESIGN BUILD – KEN GORDER | MAY 2006 – MAY 2008

Architectural Drafter/Designer
Drafting services for architect on remodel projects in Casper Area. Worked with architect on generating existing floor plans for modification. Often worked on bringing commercial facilities up to code with emergency access, etc… Assisted with various other architectural drafting projects assigned by Architect.

References:

Andy Podio	Lori Osman	Ben Garrison
Professional Reference	Accounting Specialist	Archaeologist
Cell: 307-746-5153	Cell: 307-258-8271	Cell: 307-251-3872
akpodio@yahoo.com	lorio1966@hotmail.com	Bcgarrison@gmail.com

Iqbal Naveed
Messaging/ Sr Engineer O365/ AD Engineer– SME

+-1-201-519-1246 / Niqbalus78@gmail.com

SUMMARY

- 16 years of Microsoft Active Directory experience
- Strong experience on installation, configuration, migration, maintenance, monitoring, troubleshooting, upgrading and documentation of Active Directory infrastructure.
- Strong experience with On-Prem to Azure AD migration
- Strong experience with Microsoft Identity technologies including Active Directory, Azure Active Directory, Certificate Services, Federation Services, Rights Management Services, Lightweight Directory Services, Group Policy, Single Sign on and Multi-Factor Authorization solutions.
- Expert level knowledge on PowerShell scripting
- Produce global enterprise-level designs for secure Active Directory and Identity systems for global initiatives
- Root cause analysis and problem management for corporate Identity Management environment.
- Create and maintain system documentation for domain technologies, including installation, configuration, and appropriate troubleshooting steps.
- Lead projects through implementation via collaboration with all IT, security, and support teams.

On-Prem AD:

- Expert level Knowledge on Active Directory replication
- Expert level Knowledge on PKI Infrastructure, specifically, Windows authentication and Certificate Authority (CA) Chain in support of daily operations.
- Expert level Knowledge on AD Schema, FSMO roles, trusts, Kerberos KDCs, replication topology, etc.
- Expert level Knowledge on Troubleshooting LDAP issues
- Expert level Knowledge on Group Policy administration
- Expert level knowledge on DNS, DHCP, WINS, DFS

Azure AD:

- Experience with Azure Active Directory SSO and modern authentication products such as SAML, OAuth, and WS-Fed
- Experience with Azure Active Directory API access using the Graph API
- Experience with AD Azure Connect
- Experience with conditional access rules

Experience with policy migration from On-Prem AD to Intune

MICROSOFT WINDOWS SERVERS

- Implementing, Configuring Active Directory Services and Administering Microsoft Windows 2000/2003/2008/2012/2016 Servers.
- Windows Server 2003/2008/2012/2016 roll out and upgrade projects.
- Installation, configuration, administration of terminal services, networking, group policies, power shell scripting, troubleshooting, remote application deployment, WSUS Server, network analysis, security, monitoring, technical support activities, active directory schema extension, Hyper-V 2008/2012, Microsoft Azure RMS, ADFS, DNS, AD RMS, DHCP, RAS, IIS, VPN, PKI infrastructure, enterprise CA in a multiple and single forest AD environment.

MICROSOFT WINDOWS EXCHANGE SERVERS

- Implementation of Office 365 in Exchange 2013/2016 Hybrid environment.
- Migrate users from on-premises Exchange to Office 365. Setup and configure Azure AD Connect and SSO with ADFS.

- MS Exchange Server 2003/2007/2010/2013/2016 implementation, Configuration and migration from Exchange 5.5 to MS Exchange 2003/2007/2010/2013/2016 servers and GroupWise 6.5 to Exchange server 2010.
- Outlook web application and outlook anywhere implementation.
- Manage different site replication, Archiving, disaster recovery in multiple and single DAG environment and Mobile Messaging service.
- Manage Exchange Server Database and Transaction Log files.
- Monitoring system activity and server performance is a necessary part of preventive maintenance for the server running Exchange 2003/2007/2010/2013/2016 Servers.

TECHNICAL SKILLS

Operating systems:	Microsoft Windows 2012/2008/2003/2000, MS Windows XP Professional/Vista/7.0/8.0/10.
Software Packages:	MS Office Suite 2007/2010/2013/2016, Networker, Altiris End point encryption, Backup Exec 9.1 for Windows Servers, ARC Server, Net IQ, SolarWinds, GFI and Quest Migration Suite.
Hardware:	Compaq, Dell 1950, 2950, 2900,310,610, HP ProLiant DL360 G3 and IBM Servers
Network security:	ISA/TMG Server, PIX Firewall 501/515/525, Sonic Wall Pro 100, DMZ and VPN
Mail Server:	Microsoft Exchange Server families, Email Archiving solution.
Network printers:	HP, Canon and IBM Network printers, RICOH Aficio with follow me printing.
Terminal Servers:	Windows Terminal Server, Citrix Presentation Server 4.0, TSWEB and VNC Terminal servers, PcAnywhere.
Networking:	LAN/WAN, Ethernet, Fast Ethernet, Gigabit, Frame Relay, ATM, ISDN
Windows Security:	NTFS Permission, Group Policy, Azure RMS, AD RMS, AIP for cloud.
Mail Gateway:	Mime Cast, IronPort.
Virtualization:	MS Hyper-V Server 2012.
Client Security:	Sophos, Cisco AMP.

EDUCATION

Bachelor of Computer Science (BS) in Computer Science, 2004

CERTIFICATIONS/TRAINING

"MICROSOFT CERTIFICATION ID: 7919411"

- Microsoft Certified Systems Engineer -MCSE 4.0
- Microsoft Certified Systems Engineer upgrade -MCSE Win 2000
- Microsoft Exchange 2007 Certified Enterprise Messaging Administrator
- Microsoft Certified (MCITP) 2008 Enterprise Administrator
- Microsoft Certified IT Professional (MCITP): Enterprise Messaging Administrator 2010
- Core Solutions of Microsoft Exchange Server 2013
- Advanced Solutions of Microsoft Exchange Server 2013
- Installing and Configuring Windows Server 2012
- Administering Windows Server 2012
- Microsoft Lync 2010 Certified. (MCTS)
- Microsoft Certified Trainer (MCT)
- Implementing Microsoft Azure Infrastructure Solutions.
- Server Virtualization with Windows Server Hyper-V and System Center.
- Microsoft certified Office 365

Job/Role Description:

- Hands-on Solutions Architect in the M365 and Azure AD space with in-depth knowledge and working experience in Azure, Exchange Online, OneDrive, PowerBI and emerging technologies.
  The candidate should have a combination of advanced hands-on Exchange skills and soft skills necessary to build positive relationships with the client and with Microsoft.
  Required Qualifications:
- 15+ years of experience in a similar role (Active Directory design, Azure and O365 break/fix activities, engineering, complex implementations, and migrations) Microsoft Exchange *2010/2013/2016) and Online versions
- 10+ years of progressive experience supporting Exchange Online and Microsoft O365
- Hands-on expertise of working with complex Active Directory infrastructure environments and the requirement of strictly following standards, procedures, and processes
- Expertise in coordination and escalation to Microsoft support and ability to coordinate with first- and third-party software vendors as needed for resolution of business-impacting problems
- Strong Experience with O365 Security and Compliance, Communication Compliance, Advanced eDiscovery, and Data Classification.
- Strong working knowledge of Microsoft information Barriers, Defender and DLP Policies.
- Strong knowledge of Legacy Mail Migrations to Office365
- Strong Experience with Hygiene solutions- EOP (ATP), Proofpoint etc.
- In-depth Experience with SMTP Relaying mechanism and protocol
- Strong experience with PowerShell scripting and other command-line interfaces
- Ability to understand and design a large enterprise-level solution upon technical, application and business requirements
- Knowledge to develop and execute complex deployment scenarios
- Demonstrate strong analytical, troubleshooting, and problem-solving skills
- Strong technical writing and documentation skills

WORK EXPERIENCE

MTA, New York **Nov 2019 to till date**
NETWORK/SYSTEMS (CLOUD) ENGINEER/ADMINISTRATOR

- Azure API Management, Security, Cloud-to-Cloud Integration (Public, Private)
- Windows Azure (Website, web role and worker roles)
- Be a critical part of our core team that is defining and launching exciting “Next Generation” services
- Responsible for collaborating on and setting cloud vision; providing thought leadership in cloud infrastructure and cloud services architecture to meet operational objectives for cloud solutions
- Educate customers of all size on the value proposition of managed services on Azure, and participate in architectural discussions to ensure solutions are designed for successful deployment in the cloud
- Advanced knowledge of databases (SQL Server and MySQL) o Advanced knowledge of relevant web services, mail, backup, and application monitoring
- Manage and monitor Office 365 services and desktop support (Laptops)
- General administration and operations of our Office 365 environment as migration moves to production.
- Monitor and communicate to stakeholders the performance of the services
- Act as a liaison between customers, sales, service engineering teams, and support
- Designed and implement Office 365 Hybrid Environment with Exchange 2010 to Exchange 2013, Exchange 2016, and Exchange 2019.
- Configured third party SentinelOne Singularity data, access, control, and integration planes of its endpoint protection (EPP), endpoint detection and response (EDR), IoT security in the testing face for servers and Cloud platforms.

-
- Deploy and implement enterprise Active Directory Federation Services (ADFS), Single Sign On (SSO).
- Configured mail flow connectors, SPF, DKIM, DMARC.
- Knowledge in AD architecture and infrastructure (LDAP, Directory Replication, group policy, security, schema changes, etc.)
- Knowledge of DNS, Kerberos and Windows Authentication, to include authentication with other technologies for Single Sign-On.
- Manage Active Directory, DNS, Group Policy.
- Manage and optimize the Microsoft 365 security & compliance aspects of the tenant
- Azure premium AIP with OME.
- Setup and configure AD Connect in Multi AD forest.
- Assigned new certificate to all Exchange and hybrid environment.
- Migrate 100000 + users from on-premises Exchange to Office 365 using Quest manager tool.
- Setup and configure Azure AD Connect with ADFS Single Sign on.
- Design and onboarded customers to Active Directory and Federated Identity, and advanced.
- Replaced from EOP to Mimecast Email Security appliance.
- Troubleshoot AD connect issues.
- Create Power shell scripting as per requirement.
- Migrate Local PST to Office 365.
- Routine troubleshooting Outlook, and other supported mail client configuration for Exchange Online.
- Routine handle Azure AD issues, Routine create DL, Shared mailbox, mailbox delegations.
- Troubleshoot SMTP relay issues.
- Assign office 365 licenses.
- Purge emails create PST on exchange on premises.
- Create daily database backup.
- Migrated archive emails.
- PowerShell scripting for automation.
- Configured for SMTP, IMAP & POP3 for business applications.
- Multi-forest upgradation environment Exchange 2010/2013 infrastructure.
- Implement Modern Authentication.
- Coordinated with technical teams for administration of nightly mailboxes moves.
- Create DNS records internal and external DNS for Office 365 for SMTP relay emails.
- Configured Group Policies, DNS, DHCP, AD site replication.
- designed and maintains systems and disaster recovery documentation
- Design and implement Microsoft AD Services. Working with other administrators and engineers of Exchange, Wintel, Network, and Security to perform system changes and troubleshooting
- Manage Exchange Online users, manage recipients - create, modify, delete, shared mailbox, recover deleted emails
- Perform network troubleshooting to Isolate and diagnose common network problems
- Performing crash and performance analysis - implementing upgrades and improvements on environment
- Troubleshoot MS team, MS forms.
- Manage and maintain MS licensing strategy.

Hitachi Chemical Advanced Therapeutics Solutions **March 2019 to Nov-2019**
Messaging Migration Architect

- Designed and implement Office 365 Hybrid Environment with Exchange 2010/2016 on MS Cloud.
- Deploy and implement enterprise Active Directory Federation Services (ADFS), Single Sign On (SSO).
- Manage Active Directory, DNS, Group Policy.

- Azure premium Multi Factor Authentication (MFA).
- Setup and configure AD Connect in Multi AD forest and single tenet environment.
- Migrate 10,000 + users from on-premises Exchange 2016 to Office 365.
- Migrate users to Skype for Business Online and OneDrive for business and teams.
- Setup and configure Azure AD Connect with ADFS Single Sign on.
- Design and onboarded customers to Active Directory and Federated Identity, and advanced knowledge of Azure AD.
- Power shell scripting.
- Migrate Local PST to Office 365.
- PowerShell scripting for automation.
- Upgrade and oversight of a Lync Server 2010/2013 infrastructure.
- Implementation PCIDSS, HIPAA compliance according to Microsoft best practices.
- Implement Modern Authentication.
- Upgraded and Configure Windows Servers
- Provided Technical Support to team.
- Performed System Maintenance scheduled.
- Active Directory Monitor System and Tuning.
- Active Directory cleanup quarterly.
- Monitored Create/Delete/Edit user Accounts and Permissions through tools.
- Implementation Microsoft Capacity Planning.
- Build and upgrade Windows servers.
- Implemented BitLocker / TPM through condition access policy.
- Implemented iOS & Android MDM (Mobile Device Management) “COD “Company own devices.
- Implemented iOS & Android MAM (Mobile Application Management)
- Restored data activity in test environment or Crash Investigations if occurred.
- Coordinated with technical teams for administration of nightly mailboxes moves.
- Create DNS records internal and external DNS for Office 365 and Skype for Business.
- Configured Group Policies, DNS, DHCP, AD site replication.
- Configured SCCM for upgradation office pro plus and Windows 10 upgradation roll out.

Bank Al-Falah Ltd (Abu Dhabi, Pakistan, USA) **July 2016 to Feb-2019**
Messaging Migration Architect

Responsibilities:

- Designed and implement Office 365 Hybrid Environment with Exchange 2010/2016 on MS Cloud.
- Deploy and implement enterprise Active Directory Federation Services (ADFS), Single Sign On (SSO).
- Manage Active Directory, DNS, Group Policy.
- Azure premium Multi Factor Authentication (MFA).
- Setup and configure AD Connect in Multi AD forest and single tenet environment.
- Migrate 10,000 + users from on-premises Exchange 2016 to Office 365.
- Migrate users to Skype for Business Online and OneDrive for business and teams.
- Setup and configure Azure AD Connect with ADFS Single Sign on.
- Design and onboarded customers to Active Directory and Federated Identity, and advanced knowledge of Azure AD.
- Power shell scripting.
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- Provided Technical Support to team.
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- Build and upgrade Windows servers.
- Implemented BitLocker / TPM through condition access policy.
- Implemented iOS & Android MDM (Mobile Device Management) "COD "Company own devices.
- Implemented iOS & Android MAM (Mobile Application Management)
- Restored data activity in test environment or Crash Investigations if occurred.
- Coordinated with technical teams for administration of nightly mailboxes moves.
- Create DNS records internal and external DNS for Office 365 and Skype for Business.
- Configured Group Policies, DNS, DHCP, AD site replication.
- Configured SCCM for upgradation office pro plus and Windows 10 upgradation roll out.

Allied Bank Ltd. Pakistan **Jan. 2010 to June 2016**
System Administrator / Engineer

Responsibilities

- Architected, Designed, and Deployed, Active Directory Domain infrastructure. 6 domain controllers on-premise and expanded on azure, geo-located to serve 52 sites. Helped Design and Deploy all aspects of the Active Directory (AD) environment ensuring the security, integrity, and availability of authentication, authorization, and LDAP related services to the enterprise's internal as well external customers. Configured Group Policies, DNS, DHCP, AD site replication.
- Design and implemented Office 365 and configured deployment of: Exchange Online, Skype for Business Online, OneDrive for Business, SharePoint Online, Office Pro Plus.
- Support in Novell E-directory and GroupWise migration of 2700 users to Active Directory and Office 365.
- Responsible for developing MDM policies and deployment for IOS, Android and Windows 10 devices for compliance using Microsoft Intune.
- Installed, configured, third party DELL NDS migrator tool to import migration participating user and computer objects from E-Directory to Active Directory.
- Work with other engineers and be responsible for the overall direction of the current and future state of Active Directory, LDAP/Authentication systems, access solutions, and infrastructure.
- Configured Azure AD Connect to synchronize on premise AD to Azure AD Identities.
- Deploy and implement enterprise Active Directory Federation Services (ADFS), Single Sign On (SSO), Azure premium Multi Factor Authentication (MFA).
- Configured Express Route with Microsoft, Private and Public peering.
- Usage of PowerShell to perform migration of Users and Computer as a backup for the DELL NDS Migrator. Scripted automated SID Mapping and NTFS permission assignment and Dual ACL.

Project of Migration of Exchange 2007 to Exchange 2013
The following in scope items will be delivered by the project team:

- Deployment of MS Exchange 2013.
- Planning of Exchange 2013 Deployment:
- Preparation of New Exchange 2013 Organization
- Schema upgrade for Exchange 2013
- Deployment of Exchange 2013 Node at primary site
- Create of 20,30 Mailboxes for testing purpose
- Configure Active Sync, Outlook Anywhere, Exchange Permissions, Connectors for exchange 2013
- Move 20-30 Mailboxes for testing purpose
- Verify mail Flow between exchange 2007 and 2013

- Configure Public Certificate on Exchange 2013
- Deploy Edge Transport Server
- Route incoming and Outgoing Emails to Exchange 2013 Edge Transport Server
- Testing and Stabilization

Project of Upgrade and Migration of Active Directory

- Working as deployment and configuration Cross forest migration with the help of ADMT 3.1, from Windows 2003 to Windows 2008 R2 including migration DHCP, DFS-DFS-R, DNS, ADRMS, also included based on Windows Server 2008 R2 and also Design and deployed GPO's , SWC Ver.2 services.

Infrastructure implementation & migration

- Planning, installation of Windows 7 deployment using Microsoft Deployment Toolkit (MDT). In this project desktops were migrated from Windows Vista and Windows XP to Windows 7 while preserving user's profile setting. Windows 7 was deployed by CD based images using Light Touch Installation (LTI).

Information Technology IT Department, Govt. of Punjab
Manager, IT (Infrastructure) **May 2012 to 1st November 2013**

- Create an I.T enabled work environment in the public service sector; proliferate IT Culture and build capacity in the provincial government departments.
- Bring all stakeholders on board, consult and work with them to identify/assess the needs and service areas in each department
  Prioritize the projects to be implemented with a focus on sustainability through ownership of projects by the respective departments/district governments.
  Address the requirements of system integration, conformity of standards and development of Public Key Infrastructure (PKI), ensure security of data, create archives and data warehouses and bring about a revolution of online service culture in the society.
- Worked as a Team Lead to deploying of Public Cloud offering, such as SaaS, PaaS and IaaS in a hosted solution, based on Microsoft Hyper-V Management layer, and use Hosting Controller (HC) as a control panel to offer public cloud services.
- Administration and monitoring System Center Configuration manager 2012 for Antivirus Management, Hardware & Software Inventory, Software distribution and Patch Management.

INBOX Business Technologies (Pvt.) Limited **February 2010 – May 2012**
Infrastructure Sr. Consultant

INBOX is Microsoft Gold Certified Partner Company and they have Presented in three (7) cities across Pakistan, i.e. Karachi, Lahore and Islamabad. I am working here as an Infrastructure Services Consultant, and Providing services for Microsoft Technologies related to Infrastructure, Messaging, Management and Security.

Working as deployment and configuration Cross forest migration with the help of ADMT 3.1, from Windows 2003 to Windows 2008 R2 including migration DHCP, DFS-DFS-R, DNS, ADRMS, also included based on Windows Server 2008 R2 and also Design and deployed GPO's , SWC Ver.2 services .

American Diabetes Association (Virginia, USA) **January 2009 to Dec 2009**
System Administrator

American Diabetes Association is one of the biggest organizations in the USA. It's existing in 40 state and approx.150 cities.

I have provided services there as System Administrator, for Microsoft Technologies related to Infrastructure, Messaging, Management and Security. Also provided services in several cities in all over the USA, we provide Infrastructure based solutions.

- Planning, Implementation of infrastructure based on Microsoft Virtualization technology, including Active Directory Domain Services, System Center Virtual Machine Manager, Forefront Security and System Center Configuration Manager and Operations Manager 2007.
- Apart from infrastructure project include the implementation of Microsoft Office SharePoint and implementation of Indentify Lifecycle Management Server for identity integration for 5 different applications. The project also includes migration of ADA's existing Active directory and Exchange for more than 6,000 Thousand users spread over 150 cities..
- Installed software, patching, upgrading and maintenance of operating system.
- Installed, upgraded and maintenance of server hardware components as per requirement.
- Responsible for DFS services administration.
- Administer Microsoft Windows Servers (Active Directory), Microsoft Workstations, for 6000 users.
- Services, Windows Server Updates Services (WSUS), and Microsoft Operations Manager.
- Supported 825 total users in 121 cities and 34 states in nationwide, as well as corporate office users.
- Performed desktop migration from Windows xp / Vista to Windows Xp/2003. Provided technical support for corporate client/server systems.
- Responsible for hardware and software applications for workstations, servers, and network data communications. Collaborated with executives .
- Performed all levels of hardware and software systems support for 5000 computers and 1000 printers and network printers.
- Responsible for e-mail system and Internet Information Server, meeting employee and customer needs 24/7
- Developed and update documentation, appraising users and administrators of vital information.
- Implementation of HSRP, DHCP, DNS, FTP, TFTP, MRTG.

Liaquat National Hospital Karachi, Pakistan. **January 2008 to January 2009**
Asst. Manager Infrastructure

- Active directory and Exchange 2003, planning and deployment and Migration from Lotus Notes, on 4geographically separated sites where Exchange 2003 backend servers were configured using Cluster also includes deployment for Symantec Antivirus in the entire enterprise.
- Implementation of HSRP, DHCP, DNS, FTP, TFTP, MRTG.
- Configuring and troubleshooting desktops, laptops and servers.
- Setting up Remote Access Service for Lotus Notes Client users.
- Installation, configuration and testing of SCSI device such as hard drives, backup tape drives
- Implementing RAID 1 and RAID 5 on mission critical servers such as domain controllers and file servers.
- Installation & maintenance of Windows 2k DNS, DDNS, DHCP and WINS Servers for the i2 Domain.
- Updating servers with latest service packs and hot fixes.
- Creating standard NT-backup policies and taking backups of the servers. Restoring the data as per the customer request.
- Preparing monthly work status reports and updating technology specific documents.
- Remote administration of servers for any problem across Fidelity offices related to the Microsoft Windows operating system.

Pharmatec Pakistan Pvt.Ltd **July 2006 – January 2008**
Network Administrator

Responsibilities:

- Managed Active Directory domain of twenty enterprise servers and 250 Users and up to 150 printers on 2003 platform.
- Managed and administered all e-mail messaging systems to include Mailademon.

- DHCP Scope Creation, Authorization and Activation.
- Group Policy creation, including auditing and restricting user access to Operating System features and applications.
- Managed administration and troubleshooting of Windows 2000/2003 network, Creation and deletion of Users, Forcing password policy, Auditing events, monitoring performance. Routine Checkup of Hard disk Space, Installation of Service Pack and Patches as and when required, NTFS and File Sharing permissions.
- Configuration Exchange user quota limit, user data permission. Troubleshooting: Exchange Performance Issues and Client issues (Outlook).
- Taking part in helping out disaster recovery plans.

Kristofer Jarrett Fannon CSEIP

Citizenship: American

Contact

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e-mail: kristoferjfannon@gmail.com

Address

6001 Hansen Circle Frederick, MD 21702

Profile Summary

FICAM Certified Electronic Physical Security Specialist with over a decade of experience. Results-driven professional with exceptional leadership abilities and an unwavering commitment to growth and progress. Proven track record of spearheading high-performing teams and driving strategic initiatives to achieve outstanding outcomes. Adept at leveraging innovative strategies and harnessing cross-functional collaborations to optimize business performance. Skilled in identifying opportunities, driving change, and cultivating a culture of continuous improvement. Known for inspiring and motivating teams to exceed expectations and achieve remarkable results. Possesses a forward-thinking mindset, constantly seeking new challenges to further personal and organizational development. Committed to driving success by embracing emerging trends and technologies in a dynamic, ever-evolving business landscape.

Key Skills

Heavily experienced in multiple skills, including, but not limited to:

Advanced Access Control and Video Management Programming: Proficient in designing, programming, and integrating Access Control and Video Management Systems for global enterprise security needs. Extensive experience in customizing solutions to meet client requirements and compliance standards.

Systems Integrations: Skilled in integrating various electronic security systems, including Access Control, Video Management, Intrusion Detection, Perimeter Detection, and Analytics. Demonstrated expertise in ensuring seamless functionality and interoperability across multiple platforms.

Public Key Infrastructure (PKI) and FICAM Compliance: Knowledgeable in implementing and managing Public Key Infrastructure (PKI) to support secure authentication and access control solutions. FICAM Certified Electronic Physical Security Specialist with a strong understanding of federal compliance requirements.

Advanced Troubleshooting and Quality Assurance: Proven ability to identify and resolve complex technical issues efficiently. Experience in conducting quality assurance assessments to validate system performance and ensure adherence to industry best practices.

Process and SOP Development: Proficient in developing and optimizing Standard Operating Procedures (SOPs) to streamline security operations and enhance overall efficiency. Skilled in creating comprehensive documentation for system installations and maintenance.

Personnel and Project Management: Adept at managing and leading cross-functional teams to successfully execute projects within budget and timeline constraints. Track record of inspiring and motivating teams to achieve outstanding results.

Program Management: Demonstrated expertise in overseeing and coordinating multiple security programs simultaneously, including budget management, resource allocation, and stakeholder communication.

Customer Interaction and Liaison: Effective in building and maintaining strong relationships with clients, understanding their unique needs, and providing tailored solutions to exceed expectations.

Employee Training and Development: Experienced in providing technical training and coaching to team members and end-users, contributing to skill enhancement and professional growth.

Systems Engineering and Design: Proficient in system engineering, design, and deployment of comprehensive electronic security solutions. Skilled in evaluating client requirements and translating them into practical, scalable system designs.

Business Development and Strategic Planning: Proven ability to identify new business opportunities, develop strategic plans, and foster partnerships to drive growth and expand market presence.

Forward-Thinking Mindset: Constantly seeking opportunities for personal and organizational development, embracing emerging trends and technologies to stay ahead in the dynamic business landscape.

Education

2007 to 2008	**Engineering** Montgomery College Rockville/Germantown, MD
2003 to 2007	**High School Diploma** Seneca Valley High School Germantown, MD

Work Experience

Artemis Security Consulting, LLC **Full-time Job**

Owner/Founder/Principle **March 2023 to Current**

- ✓ Pioneered and established Artemis Security Consulting, serving as the driving force behind numerous successful global physical security projects for high-profile clients. Achieved accolades for delivering cutting-edge system engineering and design solutions, elevating clients' security posture.
- ✓ Seamlessly managed all financial aspects of the LLC, ensuring profitable operations and sustainable growth.
- ✓ Orchestrated system and site evaluations for clients across federal, corporate, and data center sectors, leveraging Crime Prevention Through Environmental Design (CPTED) principles to enhance security effectiveness.
- ✓ Earned recognition as a Subject Matter Expert (SME) in the industry and played a crucial role in business development, expanding the client base and driving revenue growth.
- ✓ System engineering and design of all aspects of an Electronic Security System (Access control, Video Management, Intrusion detection, Perimeter Detection, Analytics, etc.)
- ✓ Quality assurance and assessment of systems fully delivered by other vendors.
- ✓ Contracted Project management and Project Engineering.
- ✓ Led successful client business process improvement initiatives through the strategic application of 6 SIGMA principles.
- ✓ Led the design and delivery of user-centric systems training and education, empowering end-users to maximize system capabilities and performance.
- ✓ Successfully drove business development initiatives, resulting in increased revenue and new market penetration.

T. Rowe Price **Full-time Job**

Senior Global Physical Security Systems Specialist **March 2023 to Current**

- ✓ Drove significant improvements to T. Rowe Price's global physical security program, leading the design and engineering efforts for access control and video management systems. Successfully integrated advanced technologies and ensured seamless global interoperability for enhanced security operations.
- ✓ Provided expert advice and consultation on enhancing the Global Physical Security program and systems, driving actionable improvements, elevating overall security effectiveness and enhancing risk mitigation.
- ✓ Led the design and engineering of cutting-edge Access Control and Video Management Systems, delivering innovative solutions tailored to meet unique client requirements.
- ✓ Advanced programming and integration of global enterprise security systems.
- ✓ Played a pivotal role in assisting budget management for the Physical Security Program, ensuring cost-effective installations and maintenance without compromising security standards.
- ✓ Improved badging program through new SOP and system implementations.
- ✓ Demonstrated exceptional project management skills by overseeing installations and service across multiple continents, ranging from the US to APAC and EMEA regions.
- ✓ Strengthened stakeholder relationships through effective communication and collaboration, earning accolades for outstanding customer satisfaction, which also ensure successful project delivery.
- ✓ Directed the effective management and deployment of a robust security guard force.
- ✓ Implemented and managed comprehensive supply and inventory management systems, including the development of customized spreadsheets and streamlined methods.
- ✓ Development of Global security programs, including migration to VM servers and new technology pilot programs.

Electrosoft **Full-time Job**

PACS (Physical Access Control System) Lab Director **July 2022 to Jan 2023**

- ✓ Distinguished as the Director of the GSA's FIPS 201 Evaluation Program PACS test lab, where testing and validation of PACS products and PIV/PIV-I cards took place.
- ✓ Led the interviewing process and made strategic hiring decisions for lab personnel, assembling a skilled and cohesive team to support critical operations.
- ✓ Managed day-to-day operations of test lab responsibilities, some of which are listed below.
- ✓ Test Physical Access Control System (PACS) products to ensure they meet the security and functional requirements set by GSA’s FIPS 201 Evaluation Program.
- ✓ Test Personal Identity Verification (PIV) and Personal Identity Verification Interoperable (PIV-I) cards to ensure they are approved for Federal Identity, Credential, and Access Management (FICAM) implementation under the FIPS 201 Evaluation Program.
- ✓ Revamped reporting and testing SOPs, significantly improving lab efficiency and expediting the product evaluation process.

- ✓ Fostered positive and constructive relationships with PACS vendors, ensuring smooth testing procedures and fostering innovation in the field.
- ✓ Acted as PACS Subject Matter Expert (SME).
- ✓ Created new reporting and testing templates, which streamlined processes and reduced overall test process duration.
- ✓ Introduced new and refined test practices, enabling a comprehensive assessment of PACS and PIV/PIV-I cards, resulting in improved accuracy and efficiency during the evaluation phase.
- ✓ Designed and implemented company-wide employee training and development programs.
- ✓ Management of the VMWare Hypervisor that hosted all pertinent VMs to lab operations (PACS Servers).
- ✓ Optimized lab operational efficiency through the implementation of SOPs and advanced tools, resulting in streamlined workflows and improved productivity.
- ✓ Developed and implemented strategic and tactical business plans for program development and growth.
- ✓ Collaborated with Federal Public Key Infrastructure (FPKI) SMEs to devise plans for testing development and embrace emerging technologies.
- ✓ Systems include all PACS listed on the GSA APL (Software House CCure 9000, Genetec Synergis, Gallagher Command Centre, Lenel OnGuard, AMAG Symmetry, Identiv Velocity, Honeywell Pro-Watch, etc.)

BRCI **Full-time Job**

Project Manager/ Engineer **March 2020 to March 2022**

- ✓ Led high-profile installations of Gallagher Command Centre, Identiv Velocity, Lenel OnGuard, Software House CCure 9000, Milestone Systems VMS, and Avigilon Access Control Manager (ACM) and VMS for federal (FICAM) and commercial clients.
- ✓ Spearheaded the intricate design and engineering of fully customized customer access control and video solutions, skillfully integrating advanced technologies to deliver highly sophisticated and comprehensive security measures for diverse clientele.
- ✓ Server set up for Physical Access Control Systems (PACS) and Video Management Systems (VMS), which included basic and advanced programming, and advanced integrations.
- ✓ Demonstrated expert technical training and coaching skills, resulting in a highly skilled and efficient workforce, positively impacting project outcomes.
- ✓ Demonstrated adept labor hour and skills management, effectively coordinating resources and skill sets, resulting in seamless project execution and high-quality deliverables.
- ✓ Successfully set up and managed the company's Test Lab, facilitating new technology testing and development, leading to a competitive edge in the market.
- ✓ Spearheaded advanced system engineering and deployment initiatives, ensuring seamless integrations and exceeding client expectations.
- ✓ Advanced System engineering and deployment.
- ✓ Acted as Senior SME (Subject Matter Expert) for all technical applications.

E2 Optics **Full-time Job**

Project Manager **October 2019 to March 2020**

- ✓ Orchestrated multiple Data Center installations using Gallagher Command Centre, integrated with the Milestone VMS, for prominent clients in the data center sector.
- ✓ Collaborated with clients to engineer customized access control and video management solutions to meet specific needs, earning praise for innovative approaches.
- ✓ Led a team of up to 30 technicians, ensuring efficient project execution and on-time delivery of installations.
- ✓ Lead Gallagher and Milestone Programmer for the Mid-Atlantic office.
- ✓ Positioned E2 Optics as a technical SME for Access Control and Video Management Solutions, contributing to increased market credibility.
- ✓ Effectively facilitated direct end-client interaction, serving as a key liaison to comprehend requirements, address concerns, and ensure the successful alignment of solutions with client expectations.
- ✓ All projects managed ended well within profitability range.

SigNet Technologies **Full-time Job**

Project Manager **May 2019 to October 2019**

- ✓ First project managed was valued at over $3million with a shortened time of completion to only a few months.
- ✓ Oversaw on-site crews, ranging from 1 to 15 technicians, ensuring seamless execution and high-quality workmanship.
- ✓ Offered technical support and engineering expertise, elevating project outcomes and client satisfaction.
- ✓ Led comprehensive training and education programs for new and lower-level technicians, as well as site and project leads, empowering them with the necessary skills and knowledge to excel in their roles.
- ✓ Exemplified exceptional labor hour and skills management, orchestrating workforce allocation with precision and optimizing team performance to meet project timelines and exceed objectives.
- ✓ All projects managed ended well within profitability range
- ✓ Full FICAM compliant Installations of Software House CCure 9000

Tyto Athene (Formerly BlackBox Government Solutions) **Full-time Job**

Level III Senior Security Technician **July 2018 to May 2019**

- ✓ One of three Level III Senior Security Technicians in a company valued at over $75million.
- ✓ Demonstrated exceptional programming, setup, and integration skills for Access Control, Video Management, and peripheral systems.
- ✓ Gained recognition as the go-to Subject Matter Expert (SME) for all Security Vendor systems offered by the company, elevating the team's technical capabilities (Gallagher Command Centre, AMAG Symmetry, Honeywell Pro-Watch, Milestone VMS, Avigilon VMS, Bosch IDS).
- ✓ Managed lower-level installers, ensuring consistent quality and adherence to project timelines.
- ✓ Training and education of new and lower-level technicians
- ✓ Demonstrated strong aptitude in labor hours and skills management, ensuring seamless coordination of resources and expertise, resulting in on-time project completion and high-quality outcomes.
- ✓ All projects managed ended well within profitability range, and ahead of schedule.
- ✓ Led the first-ever stateside, Enterprise, Multi-site, Gallagher access control installation, garnering praise for technical excellence.

Wycliffe Enterprises Inc. DBA Power Comm **Full-time Job**

Lead Security Technician/ Foreman/ Integrator **June 2017 to July 2018**

- ✓ Spearheaded installations, maintenance, and servicing of access control and CCTV systems, consistently delivering exceptional results.
- ✓ Demonstrated technical expertise in system programming and engineering, optimizing system performance and client satisfaction.
- ✓ Duties included (but not limited to): cable pulling, cable termination, head end termination, camera installation (Samsung, Avigilon, Axis, Arecont), installation of access control and alarm systems (Gallagher Command Centre, Brivo, Genetec Synergis and Omnicast, DMP IDS, Radionics/Bosch IDS), servicing and upgrade of existing systems.
- ✓ Managed installation projects, skillfully coordinating labor hours and resources to achieve profitability targets.
- ✓ Demonstrated strong acumen in labor hours management, efficiently organizing and overseeing resources to meet project deadlines and optimize operational efficiency.
- ✓ All projects managed ended well within profitability range.
- ✓ Led a multi-million-dollar Data Center installation as Head Foreman, completing the project with outstanding efficiency.

Structure Works Inc. **Full-time Job**

Lead Security Technician **July 2015 to June 2017**

- ✓ Installed, maintained, and serviced access control and CCTV systems, showcasing proficiency in system programming and technical support.
- ✓ Duties included (but not limited to): cable pulling, cable termination, camera installation (Bosch, Samsung, Avigilon, American Dynamics, Axis, and NVT), and installation of access control and alarm systems (Casi Rusco, S2, AMAG Symmetry, Software House CCure 9000, Honeywell IDS, Mercury, DMP IDS, GE, Radionics, and Bosch), servicing and upgrade of existing systems.
- ✓ Successfully managed installation projects, adhering to budget constraints and delivering projects within profitable margins.
- ✓ Demonstrated adeptness in parts ordering and labor management, optimizing workflow by effectively coordinating resources and overseeing the procurement of essential components.
- ✓ Led the most profitable regional office for an international company, achieving excellence in performance.

Netcom Technologies **Full-Time Job**

Lead Security Technician/ Foreman **Feb 2014 to July 2015**

- ✓ Played a crucial role in the installation, maintenance, and service of access control and CCTV systems.
- ✓ Duties included (but not limited to): cable pulling, cable termination, camera installation (IQeye, S2, Axis), installation of access control systems (Mercury, S2), servicing and upgrade of existing systems.
- ✓ Recognized for high performance and promoted to Lead Technician/Foreman while still a temporary employee.
- ✓ Managed installation projects with a focus on profitability and operational efficiency.
- ✓ Led the installation of security components, ensuring seamless system functionality and client satisfaction.

CTSI **Full-time Job**

Security Technician **May 2013 to Oct 2013**

- ✓ Installation, maintenance and service of electronic security systems, access control, and CCTV systems and their components
- ✓ Basic duties involved cable pulling, system error troubleshooting, termination of CAT6, coaxial, OAS rated and plenum rated cable including RJ45, block and BNC termination, installation of control panels, installation and maintenance of cameras (HIK, ARM, Pelco, Avigilon),
- ✓ Contributed to the successful completion of various projects, adhering to quality and safety standards.
- ✓ Systems Installed Include: Lenel Onguard, Software House CCure 9000, DMP IDS, and AMAG Symmetry.

Certifications/ Licenses

DCJS – Locksmith, Security Technician ID: 99-408633

OSHA – Aerial Work Platform, 30 Hour Safety Course, 10 Hour Safety Course

NECA – Effective Supervision Training

Secure Technology Alliance – Certified System Engineer ICAM PACS (CSEIP)

Axis Communications – Certified Professional

Avigilon – Installer

Avigilon – Avigilon Control Center

Avigilon – Avigilon Control Center Operator

Genetec – Enterprise Technical Certification

Genetec – Omnicast Technical Certification

Gallagher – Level 3 Integrator

Federal Security Clearance – Secret

Milestone – Certified Integration Technician

Milestone – Certified Design Engineer

Hirsch Identiv Velocity – Operator

Hirsch Identiv Velocity – Hardware

Hirsch Identiv Velocity – Installer

Hirsch Identiv Velocity – Administrator

D. Proposer Qualifications and Experience

Celersoft

Driven by Talent

CELER SOFT

Driven by Talent

ABOUT US

CelerSoft delivers IT services with special focus on innovation and adopting excellent delivery practices. Our offerings span business and technology consulting, application services, systems integration, product engineering, custom software development, maintenance, quality assurance services.

Business Portfolio:

- Consulting
  - Staff Augmentation
- Application Development
  - Implementations, Upgrades
- Application Maintenance
  - Testing Services
  - Support Services

Resources :

- 100+ resources globally
  40+ highly skilled resources
  at India Delivery Centre (Hyderabad)

Locations:

- Headquarters at Houston, TX
- Regional offices at Austin, Toronto Canada
- Offshore Delivery Centre at Hyderabad, India

SERVICES

Retail, Healthcare, Education, Logistics

Technologies – AWS, Azure Cloud Services

01 Cloud Services

Cloud based solutions that encompass:

- Web and mobile development
- Service oriented architecture
- Software as a Service (SaaS)
- Enterprise integrated services
- Infrastructure as a service (IaaS)

02 Cloud Applications

Cloud application services covering the entire life cycle including :

- customizations and integration
- Implementations and rollouts Upgrades and consolidation
- Application managed and testing services
- Maintenance and support services.

03 IT Staffing

Full spectrum of professional services to assist in:

- Implementation
- Development and integration Support
- Change Management
- Training and management

04 Managed Services

All our Products and Solution divisions are efficiently and thoroughly backed up by our Managed Services

- Annual Maintenance Contract
- Resident Engineers & Technology Staffing Services.
- Data Center Management Services.

05 Security Management

Our service-based approach and risk intelligence capabilities will jumpstart your security efforts.

- Align to clients business, security, and compliance needs.
- Available both in cloud and on-premise.
- Validate key security controls and improve important safeguards.

Project Management Services → Implementation, Upgrade, Support Services & 24X7 Infra Support Services → Testing Services - Test Planning/Execution, Automation, Perf Testing → Staffing Services

SERVICES

Retail, Healthcare, Education, Logistics

Technologies – AWS, Azure Cloud Services

01 Implementation Services

- Fusion Implementation
  - Financials Implementation
  - Supply Chain Management Implementation
  - Project Management Implementation
  - Procurement Implementation
  - GRC Implementation
- EBS Implementation
  - All Financial Modules
  - Property Manager Implementation
  - SCM Implementation
  - Project Accounting Implementation

02 Supporting Services

- Fusion Support Services
  - Financials Support
  - Supply Chain Management Support
  - Project Management Support
  - Procurement Support
  - GRC Support
- EBS Support Services
  - All Financial Modules
  - Property Manager Support
  - SCM Support
  - Project Accounting Support

03 Testing Services

- New Releases Testing
- New Enhancement Testing
- New Rollout Testing
- Upgrade Testing Services

04 Industry Experience

- Manufacturing Industry
- Soft ware Industry
- Construction Industry
- Education Industry

Testing Capabilities and Services

Testing Capabilities

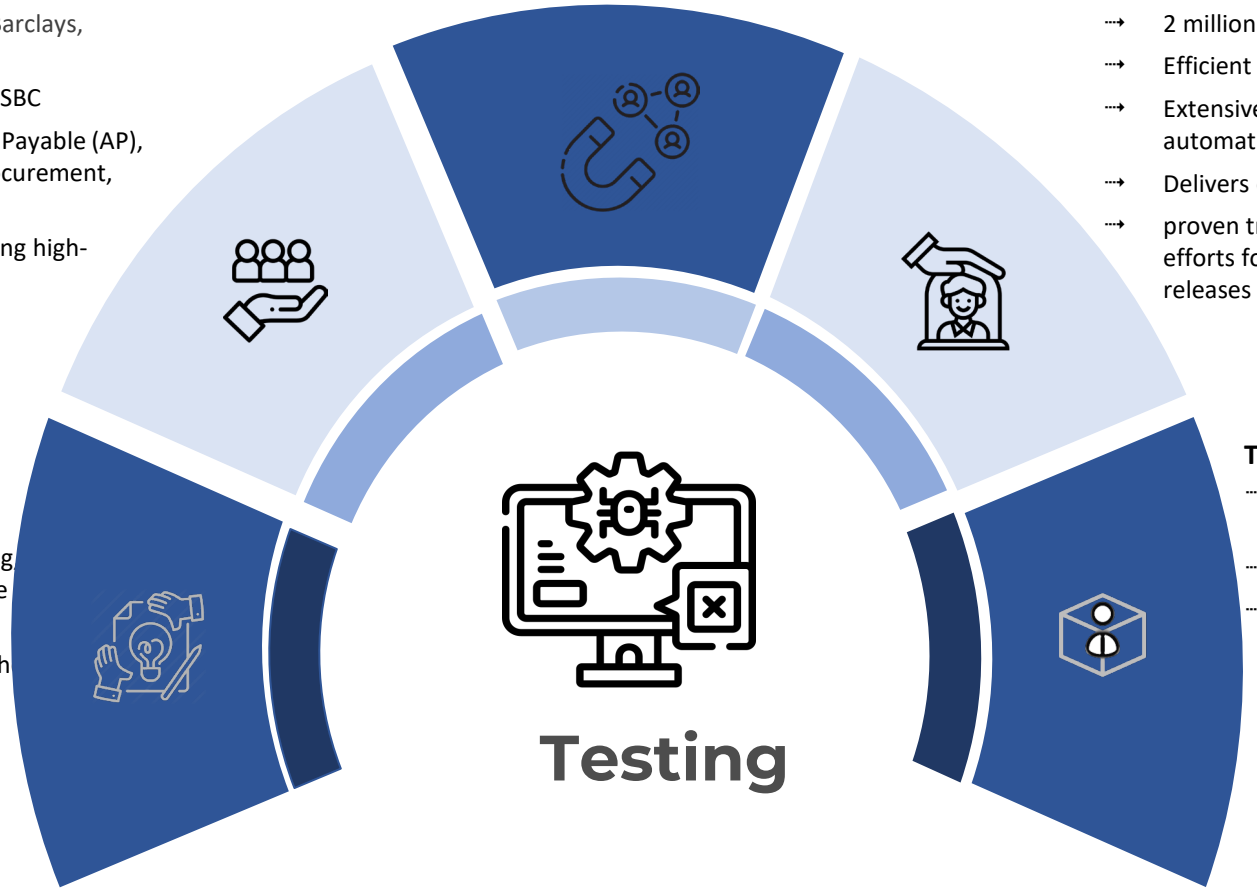
- combined 75 years of experience in testing
- Dedicated team of 10 Members with 10+ Years experience
- Expertise in complex testing but not limited to end-to-end testing, patch testing, quarterly upgrades, data migration testing, and regression testing
- Well versed with Oracle functionalities
- Strong Automation and Manual testing experience
- Experience in TOSCA/ Selenium tools

Our Clients:

- strong portfolio of clients including HSBC, Barclays, Australian bank
- Delivered testing for over 34 countries at HSBC
- Tested all key modules, including Accounts Payable (AP), Accounts Receivable (AR), Fixed Assets, Procurement, Expenses, and General Ledger
- Demonstrating our commitment to delivering high-quality services to our clients.

Resource Expertise:

- 2 million Combined hours of testing experience
- Efficient and accurate testing processes
- Extensive experience using various testing tools for automation
- Delivers output with quality and customer satisfaction
- proven track record of executing successful testing efforts for upgrades, patching, and internal monthly releases for new feature enablement.



Our Testing Services:

- In addition to the above-mentioned capabilities, our team is experienced in conducting various types of testing, including functional testing, integration testing, performance testing, security testing, user acceptance testing, and regression testing
- Our team also places a strong emphasis on verifying th security of sensitive data and ensuring that the performance of the applications meets our clients' expectations.

Testing Methodologies & Data Management:

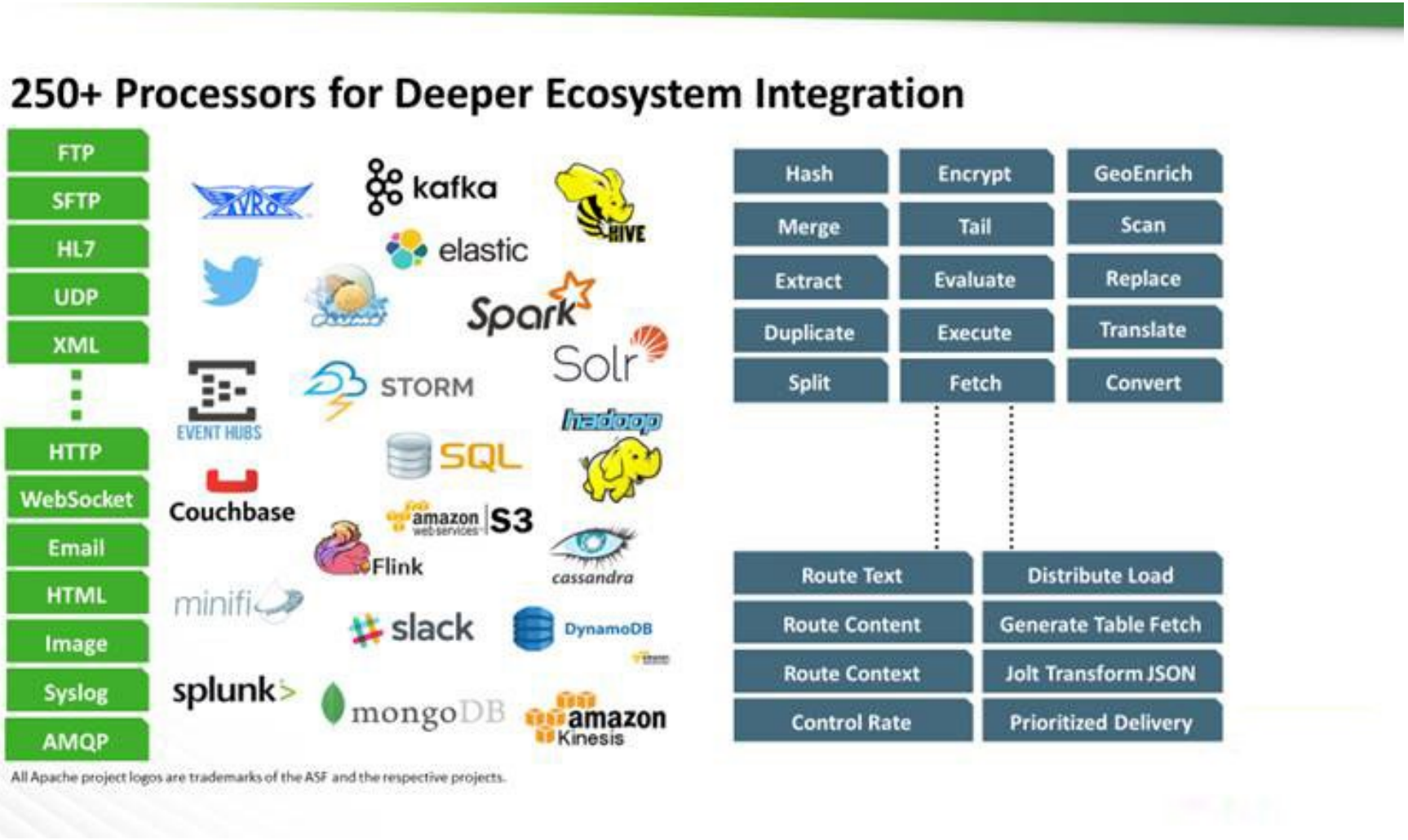
- Our team is skilled in a range of testing methodologies, including Agile, Scrum, Waterfall, and more
- We use accurate and relevant data in testing
- Experience in creating and managing test data, ensuring that the results of our testing are representative of real-world scenarios

Infrastructure Solutions

With Celersoft infrastructure service solutions, organizations can:

- Enjoy tailored solutions for complex environments.
- Predict spending more easily and consistently.
- Secure guaranteed service levels for infrastructure performance.
- Gain greater business agility with the ability to access infrastructure on demand.
- Improve operational efficiency by offloading routine maintenance and monitoring to Celersoft experts.
- Increase cost efficiency by paying only for the infrastructure needed at any given time.

ENTERPRISE DATA MOVEMENT & APP INTEGRATION



Data Flow Management

Seamlessly fuse dataflows between data centers

- Data center to Data Center
- Application Development
- Remote Location to Data Center
- Data center to cloud

EXECUTIVE SUPPORT

Onshore, Near shore and off shore
Executive support for business continuity

- IT AUTOMATION
- PRIORITY SUPPORT
- FULL NETWORK MAINTENANCE
- SIMPLIFIED BILLING
- IT CONSULTING & STRATEGY
- DOCUMENTATION & INVENTORY

Contacts

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CELER SOFT
Driven by Talent
1500 S DAIRY ASHFORD RD, SUITE 355, HOUSTON, TX,77077
PHONE: (832)-225-8898

June 20, 2023

Dear USCIS Officer,

Multiple Project Plan

I, Sreeverdhan Potavathri, the President of Celersoft LLC, am writing to provide details of the available work for Bhavani Tumuluri at our organization. Celersoft LLC operates in the IT Consulting and IT Project Management space, offering services to multiple clients concurrently. Last year, our organization successfully executed more than 11 projects, including collaborations with AT&T, Sunpower Corp, Chevron, Openreel, and Infodat. We have also served clients such as:

NY Life Insurance

Telus

Toyota Corporation

BJC

ConocoPhillips

Tarrant County

We have provided tax documents that validate the extent of our business operations on an annual basis, supporting the fact that our organization has actively engaged in numerous projects in the previous year.

For this year, we have undertaken 14 projects for our clients, including:

SAP Cloud Migration Project: This project involves migrating the existing SAP HCM system to SAP SuccessFactors and another cloud-based platform. Additionally, SAP Sales and Distribution (S&D) and SAP GRC Security will be migrated to leverage the benefits of cloud infrastructure, such as improved system performance, scalability, accessibility, and reduced infrastructure costs. The project requires SAP SuccessFactors Developers, SAP S&D specialists, SAP GRC Developers, and other relevant industry experts, such as SAP Solutions Architects.

Java Full Stack Development for Video Creation Platform: This video creation platform project that caters to various business needs, including digital marketing, online video interviews, and other video creation requirements. This project entails Java Full Stack development, with a particular focus on extensive Angular, JS Node development. A team of Full Stack Developers, Automation Testers, and Integration Professionals are involved in making this platform robust and efficient.

Big Data Analytics for Near Real-Time Analysis: This project revolves around creating a Big Data environment, developing streaming applications, and applying Machine Learning and

Artificial Intelligence techniques. The goal is to enable timely or near real-time analytics for projects related to industries such as Oil and Gas, Telecom, and Data Analytics. We require technical experts, including Pega BPM Developers, Data Scientists, Big Data Developers, and other Data Analytics professionals, for the successful execution of this project.

Our company's history, current workload, and projected work over the next three years provide clear evidence that we have a legitimate position for the Software Quality Assurance Analysts and Testers (QA Automation Tester) role, which will be assigned to Bhavani Tumuluri. Bhavani will work on the aforementioned projects, as well as any similar projects acquired during the requested H-1B visa period, if approved.

If you have any further inquiries, please feel free to contact us.

Sincerely,

Sreeverdhan Verdhan

President

Celersoft LLC

hr@celersoft.com

1-757-260-8808

Celersoft References			
Company	Name	Contact	Service Provided
Biz Fusion Inc **(Tarrant County)**	Rama Yenamadra	972-499-8126	• SAP Success Factors Implementation • Project - ITOPS (IT Operations) under OIT (Office of the Information Technology) - Team - TSS SR4 - BLM Technology and Platform Services (BLM TPS) • Under Enterprise Command Operations (ECC) • TSS - Technology Shared Services • BLM - Business Line Management
Veterans Engineering	Tray Green, Director of Operations	785-410-6945 Cell 785-571-5005 Office 785-246-8664	• Information Technology Services
	Vice President, John Cummings, john.cummings@veteransengineering.net		
Houston Health Dept.	Srinivas Mettu, President	832-900-9399	• Health Data Management

E. Innovative Concepts

VA-Tech services is unique and innovative because we have a pool of highly talented professionals we can access to increase the talent pool accessible to Jefferson Parish Government.

Most important, VA-Tech intends to develop a centralized platform to oversee all areas of Information Technology and correlate the platform to the appropriate personnel. This platform will be governed as a team with Jefferson Parish IT Team. The platform will align its support with the appropriate governmental agencies, and the technical expertise contacts to support them.

Establish Work Groups with Jefferson Parish to monitor the following:

* Server Operations

* Network Performance

* Database Management

* Microsoft Support

* Programming

* PC/Help Desk / Support

F. Project Schedule

WHO	DOES WHAT	WHEN
Jefferson Parish	Awards VA-TECH SERVICES Contract	10/1/2023
VA-TECH SERVICES	Thanks Jefferson Parish. Mgt. Team meets to discuss project and assign Project Manager to oversee transition with Jefferson Parish IT Personnel	10/5/2023
VA-TECH SERVICES	Finalize selection of all personnel to be assigned to Jefferson Parish Contract.	10/15/2023
Jefferson Parish	Confirms the proposed transition plan, goals and objectives to align VA-TECH SERVICES Personnel with the Jefferson Parish government personnel.	10/21/2023
VA-TECH SERVICES	Confirm the internal working committee that will oversee all aspects of the project and report to Jefferson Parish daily.	10/22/2023
VA-TECH SERVICES	Staff all the appropriate positions to begin full transition into the Jefferson Parish Contract.	10/23/2023
Jefferson Parish	Review weekly reports and provide feedback on progress and provide recommendations according to how the contract is performing.	10/24/2023
VA-TECH SERVICES	Review all operational and technical aspects of the transition plan and make any appropriate changes to the plan and objectives related to IT support.	10/24/2023
Jefferson Parish	Provide ongoing feedback from all IT personnel and management within Jefferson Parish to ensure we are aligning appropriately with the entire team.	10/26/2023
VA-TECH SERVICES	Conduct a joint audit of all the tasks being implemented to ensure all transition goals are being met.	10/28/2023
Jefferson Parish	Finalize all oversight components of the contract for reporting, communication, project managers, points of contacts and schedule for monitoring all key aspects of the contract.	10/31/2023

G. Financial Profile

CELERSOFT LLC

Balance Sheet

As of December 31, 2022

	TOTAL
ASSETS	
Current Assets	
Bank Accounts	
Accounts Receivables	-332.58
Bank of America	469,909.31
Total Bank Accounts	**$469,576.73**
Accounts Receivable	
Accounts Receivable	1,068,010.19
Accounts Receivable	12,320.00
Total Accounts Receivable	**1,080,330.19**
Total Accounts Receivable	**$1,080,330.19**
Other Current Assets	
Uncategorized Asset	50,512.85
Undeposited Funds	800.00
Total Other Current Assets	**$51,312.85**
Total Current Assets	**$1,601,219.77**
TOTAL ASSETS	**$1,601,219.77**
LIABILITIES AND EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
Accounts Payable	-1,076,985.54
Total Accounts Payable	**$ -1,076,985.54**
Credit Cards	
Celersoft Credit Card	-10,000.00
Total Credit Cards	**$ -10,000.00**
Other Current Liabilities	
Direct Deposit Liabilities	0.00
Direct Deposit Payable	0.00
Payroll Liabilities	-127,349.95
Federal Taxes (941/944)	0.00
Federal Unemployment (940)	0.00
TX Unemployment Tax	0.00
Total Payroll Liabilities	**-127,349.95**
Sales Tax Agency Payable	0.00
Total Other Current Liabilities	**$ -127,349.95**
Total Current Liabilities	**$ -1,214,335.49**

CELERSOFT LLC

Balance Sheet

As of December 31, 2022

	TOTAL
Long-Term Liabilities	
EIDL Loan Payment	-3,444.00
Total Long-Term Liabilities	**$ -3,444.00**
Total Liabilities	**$ -1,217,779.49**
Equity	
Opening Balance Equity	11,678.35
Retained Earnings	1,222,946.41
Sreeverdhan Potavathri	-20,000.00
Net Income	1,604,374.50
Total Equity	**$2,818,999.26**
TOTAL LIABILITIES AND EQUITY	**$1,601,219.77**

CELERSOFT LLC

Balance Sheet

As of December 31, 2021

	TOTAL
ASSETS	
Current Assets	
Bank Accounts	
Accounts Receivables	-9,683.24
Bank of America	569,315.23
Total Bank Accounts	**$559,631.99**
Accounts Receivable	
Accounts Receivable	446,588.00
Accounts Receivable	12,320.00
Total Accounts Receivable	**458,908.00**
Total Accounts Receivable	**$458,908.00**
Other Current Assets	
Uncategorized Asset	32,906.00
Undeposited Funds	800.00
Total Other Current Assets	**$33,706.00**
Total Current Assets	**$1,052,245.99**
TOTAL ASSETS	**$1,052,245.99**
LIABILITIES AND EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
Accounts Payable	-161,476.20
Total Accounts Payable	**$ -161,476.20**
Credit Cards	
Celersoft Credit Card	-10,000.00
Total Credit Cards	**$ -10,000.00**
Other Current Liabilities	
Direct Deposit Liabilities	0.00
Direct Deposit Payable	0.00
Payroll Liabilities	9,097.43
Federal Taxes (941/944)	0.00
Federal Unemployment (940)	0.00
TX Unemployment Tax	0.00
Total Payroll Liabilities	**9,097.43**
Sales Tax Agency Payable	0.00
Total Other Current Liabilities	**$9,097.43**
Total Current Liabilities	**$ -162,378.77**
Total Liabilities	**$ -162,378.77**

CELERSOFT LLC

Balance Sheet

As of December 31, 2021

	TOTAL
Equity	
Opening Balance Equity	11,678.35
Retained Earnings	357,277.77
Sreeverdhan Potavathri	-20,000.00
Net Income	865,668.64
Total Equity	**$1,214,624.76**
TOTAL LIABILITIES AND EQUITY	**$1,052,245.99**

CELERSOFT LLC

Balance Sheet

As of December 31, 2020

	TOTAL
ASSETS	
Current Assets	
Bank Accounts	
Accounts Receivables	-9,683.24
Bank of America	184,035.93
Total Bank Accounts	**$174,352.69**
Accounts Receivable	
Accounts Receivable	143,504.00
Accounts Receivable	12,320.00
Total Accounts Receivable	**155,824.00**
Total Accounts Receivable	**$155,824.00**
Other Current Assets	
Uncategorized Asset	20,000.00
Undeposited Funds	800.00
Total Other Current Assets	**$20,800.00**
Total Current Assets	**$350,976.69**
TOTAL ASSETS	**$350,976.69**
LIABILITIES AND EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
Accounts Payable	0.00
Total Accounts Payable	**$0.00**
Credit Cards	
Celersoft Credit Card	-10,000.00
Total Credit Cards	**$ -10,000.00**
Other Current Liabilities	
Direct Deposit Liabilities	0.00
Direct Deposit Payable	0.00
Payroll Liabilities	9,097.43
Federal Taxes (941/944)	2,881.14
Federal Unemployment (940)	42.00
TX Unemployment Tax	0.00
Total Payroll Liabilities	**12,020.57**
Sales Tax Agency Payable	0.00
Total Other Current Liabilities	**$12,020.57**
Total Current Liabilities	**$2,020.57**
Total Liabilities	**$2,020.57**

CELERSOFT LLC

Balance Sheet

As of December 31, 2020

	TOTAL
Equity	
Opening Balance Equity	11,678.35
Retained Earnings	82,956.05
Sreeverdhan Potavathri	-20,000.00
Net Income	274,321.72
Total Equity	**$348,956.12**
TOTAL LIABILITIES AND EQUITY	**$350,976.69**

CELERSOFT LLC

Balance Sheet

As of December 31, 2021

	TOTAL
ASSETS	
Current Assets	
Bank Accounts	
Accounts Receivables	-9,683.24
Bank of America	569,315.23
Total Bank Accounts	**$559,631.99**
Accounts Receivable	
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Total Other Current Assets	**$33,706.00**
Total Current Assets	**$1,052,245.99**
TOTAL ASSETS	**$1,052,245.99**
LIABILITIES AND EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
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Credit Cards	
Celersoft Credit Card	-10,000.00
Total Credit Cards	**$ -10,000.00**
Other Current Liabilities	
Direct Deposit Liabilities	0.00
Direct Deposit Payable	0.00
Payroll Liabilities	9,097.43
Federal Taxes (941/944)	0.00
Federal Unemployment (940)	0.00
TX Unemployment Tax	0.00
Total Payroll Liabilities	**9,097.43**
Sales Tax Agency Payable	0.00
Total Other Current Liabilities	**$9,097.43**
Total Current Liabilities	**$ -162,378.77**
Total Liabilities	**$ -162,378.77**

CELERSOFT LLC

Balance Sheet

As of December 31, 2021

	TOTAL
Equity	
Opening Balance Equity	11,678.35
Retained Earnings	357,277.77
Sreeverdhan Potavathri	-20,000.00
Net Income	865,668.64
Total Equity	**$1,214,624.76**
TOTAL LIABILITIES AND EQUITY	**$1,052,245.99**

CELERSOFT LLC

Balance Sheet

As of December 31, 2020

	TOTAL
ASSETS	
Current Assets	
Bank Accounts	
Accounts Receivables	-9,683.24
Bank of America	184,035.93
Total Bank Accounts	**$174,352.69**
Accounts Receivable	
Accounts Receivable	143,504.00
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Undeposited Funds	800.00
Total Other Current Assets	**$20,800.00**
Total Current Assets	**$350,976.69**
TOTAL ASSETS	**$350,976.69**
LIABILITIES AND EQUITY	
Liabilities	
Current Liabilities	
Accounts Payable	
Accounts Payable	0.00
Total Accounts Payable	**$0.00**
Credit Cards	
Celersoft Credit Card	-10,000.00
Total Credit Cards	**$ -10,000.00**
Other Current Liabilities	
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Federal Unemployment (940)	42.00
TX Unemployment Tax	0.00
Total Payroll Liabilities	**12,020.57**
Sales Tax Agency Payable	0.00
Total Other Current Liabilities	**$12,020.57**
Total Current Liabilities	**$2,020.57**
Total Liabilities	**$2,020.57**

CELERSOFT LLC

Balance Sheet

As of December 31, 2020

	TOTAL
Equity	
Opening Balance Equity	11,678.35
Retained Earnings	82,956.05
Sreeverdhan Potavathri	-20,000.00
Net Income	274,321.72
Total Equity	**$348,956.12**
TOTAL LIABILITIES AND EQUITY	**$350,976.69**

H. Transition Plan

Transition Plan: Va-Tech Services Approach / Timeline

I. Introduction

This Transition Plan outlines Va-Tech Services' approach to ensuring minimal downtime and a seamless business process transition for Jefferson Parish.

II. Approach to Minimize Downtime

Our primary objective is to minimize downtime and maintain continuous business processes.

We are committed to reducing downtime to an absolute minimum.

III. Consultation with Subject Matter Experts

We will engage Jefferson Parish County subject matter experts to assess the application, software, and architecture.

The insights gained will guide the project scope and transition strategy.

IV. Transition Team

Our Transition Team includes a Project Manager, Business Analyst, and Subject Matter Expert(s) for the application or software.

They will ensure a thorough understanding of the transition details.

V. Documentation and Requirements Gathering

We will document all requirements, gathering data from previous contractors and vendors.

Upon approval, we will approach the previous vendor to collect necessary information.

VI. Knowledge Transfer

We prioritize knowledge transfer, dedicating a minimum of three to five weeks based on project scope.

Our consultants will have active access to systems, working closely with previous consultants.

We will establish a timeline for knowledge transfer and transition sessions.

VII. Account Management

Prior to project closure, we will identify accounts to be disabled through Active Directory or similar systems.

VPN connections and system access will be disabled.

Master passwords for databases and systems will be changed, and this information will be communicated to Jefferson Parish County IT departments.

VIII. Documentation for Knowledge Transfer

We will meticulously document the knowledge transferred from previous vendors.

A new documentation set will be provided during our tenure at Jefferson County, organized as a wiki document for future reference.

IX. Conclusion

Our approach aims for a smooth transition with minimal disruption.

We are committed to providing continuous support to ensure a successful transition process.

X. Appendices

Any supporting documents, timelines, or additional details related to the transition process will be included in the appendices.

This Transition Plan aligns with Va-Tech Services' commitment to reducing downtime and ensuring the continuity of operations during the transition. It emphasizes knowledge transfer, clear documentation, and collaboration with subject matter experts and Jefferson Parish County for a successful handover.

H. Transition Plan in Timeline

WHO	DOES WHAT	WHEN
Jefferson Parish	Awards VA-TECH SERVICES Contract	10/1/2023
VA-TECH SERVICES	Thanks Jefferson Parish. Mgt. Team meets to discuss project and assign Project Manager to oversee transition with Jefferson Parish IT Personnel	10/5/2023
VA-TECH SERVICES	Finalize selection of all personnel to be assigned to Jefferson Parish Contract.	10/15/2023
Jefferson Parish	Confirms the proposed transition plan, goals and objectives to align VA-TECH SERVICES Personnel with the Jefferson Parish government personnel.	10/21/2023
VA-TECH SERVICES	Confirm the internal working committee that will oversee all aspects of the project and report to Jefferson Parish daily.	10/22/2023
VA-TECH SERVICES	Staff all the appropriate positions to begin full transition into the Jefferson Parish Contract.	10/23/2023
Jefferson Parish	Review weekly reports and provide feedback on progress and provide recommendations according to how the contract is performing.	10/24/2023
VA-TECH SERVICES	Review all operational and technical aspects of the transition plan and make any appropriate changes to the plan and objectives related to IT support.	10/24/2023
Jefferson Parish	Provide ongoing feedback from all IT personnel and management within Jefferson Parish to ensure we are aligning appropriately with the entire team.	10/26/2023
VA-TECH SERVICES	Conduct a joint audit of all the tasks being implemented to ensure all transition goals are being met.	10/28/2023
Jefferson Parish	Finalize all oversight components of the contract for reporting, communication, project managers, points of contacts and schedule for monitoring all key aspects of the contract.	10/31/2023

Appendices

Note: This is proof of current insurance, which will be updated upon award to Jefferson Parish contract with the amounts listed in the RFP.

THE HARTFORD
BUSINESS SERVICE CENTER
3600 WISEMAN BLVD
SAN ANTONIO TX 78251

August 16, 2023

Account Information:

Policy Holder Details :	**CelerSoft LLC**

Contact Us

Need Help?

Chat online or call us at

(866) 467-8730.

We're here Monday - Friday.

Enclosed please find a Certificate Of Insurance for the above referenced Policyholder. Please contact us if you have any questions or concerns.

Sincerely,

Your Hartford Service Team

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 08/16/2023

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATIONIS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME:	
FICKE & ASSOCIATES INC/PHS 13650793 271 ROUTE 46 WEST SUITE A201 FAIRFIELD NJ 07004	PHONE (A/C, No, Ext): (973) 808-0110	FAX (A/C, No):
	E-MAIL ADDRESS:	
	INSURER(S) AFFORDING COVERAGE	NAIC#
	INSURER A : Sentinel Insurance Company Ltd.	11000
INSURED	INSURER B :	
CELERSOFT LLC 1500 S DAIRY ASHFORD RD STE 355 HOUSTON TX 77077-3854	INSURER C :	
	INSURER D :	
	INSURER E :	
	INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED.NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/Y YYY)	LIMITS	
A	COMMERCIAL GENERAL LIABILITY CLAIMS-MADE [X] OCCUR [X] General Liability GEN'L AGGREGATE LIMIT APPLIES PER: POLICY [ ] PRO-JECT [X] LOC OTHER:			13 SBM TI4593	03/05/2023	03/05/2024	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$1,000,000 $1,000,000 $10,000 $1,000,000 $2,000,000 $2,000,000
A	**AUTOMOBILE LIABILITY** ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS [X] HIRED AUTOS [X] NON-OWNED AUTOS			13 SBM TI4593	03/05/2023	03/05/2024	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$1,000,000
A	[X] **UMBRELLA LIAB** [X] OCCUR **EXCESS LIAB** CLAIMS-MADE DED [X] RETENTION $ 10,000			13 SBM TI4593	03/05/2023	03/05/2024	EACH OCCURRENCE AGGREGATE	$2,000,000 $2,000,000
	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? **(Mandatory in NH)** If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N [ ] N/ A					PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE -EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	
A	EMPLOYMENT PRACTICES LIABILITY			13 SBM TI4593	03/05/2023	03/05/2024	Each Claim Limit Aggregate Limit	$10,000 $10,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES **(ACORD 101, Additional Remarks Schedule, may be attached if more space is required)**

Those usual to the Insured's Operations.

CERTIFICATE HOLDER

Vertex Consulting Services Inc
937N, Plum Grove Road, Suite C
Schaumburg IL 60173

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

Susan L. Castaneda

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Request for Proposals #0464

To Provide Information Technology Support Services and Supplemental Staffing for the Departments for Electronic Information Systems (EIS) and Telecommunications

SIGNATURE PAGE

The Jefferson Parish Department of Purchasing is soliciting Request for Proposals (RFP'S) from qualified proposers who are interested in providing Information Technology Support Services and Supplemental Staffing for the for the Jefferson Parish Electronic Information Systems (EIS) and Telecommunications Department.

Request for Proposals will be received until 3:30 p.m. Local Time on: August 25, 2023.

Acknowledge Receipt of Addenda: Number: 1
Number: _____
Number: _____
Number: _____
Number: _____
Number: _____

Name of Proposer: VA-TECH SERVICES LLC

Address: 1500 S. Dairy Ashford Suite 354 Houston, TX 77077

Phone Number: 832-489-8651 Fax Number _____

Type Name of Person Authorized to Sign: Anand Trivedi

Title of Person Authorized to Sign: Director of Administration Verified by pdfFiller 08/24/2023

Signature of Person Authorized to Sign: _____

Email Address of Person Authorized to Sign: operations@vatechservices.com

Date: 08/24/2023

This RFP signature page must be signed by an authorized Representative of the Company/Firm for proposal to be valid. Signing indicates you have read and comply with the Instructions and Conditions.

CORPORATE RESOLUTION

EXCERPT FROM MINUTES OF MEETING OF THE BOARD OF DIRECTORS OF VA-TECH SERVICES LLC INCORPORATED.

AT THE MEETING OF DIRECTORS OF VA-TECH SERVICES LLC INCORPORATED, DULY NOTICED AND HELD ON 08/24/2023, A QUORUM BEING THERE PRESENT, ON MOTION DULY MADE AND SECONDED. IT WAS:

RESOLVED THAT Anand Trivedi, BE AND IS HEREBY APPOINTED, CONSTITUTED AND DESIGNATED AS AGENT AND ATTORNEY-IN-FACT OF THE CORPORATION WITH FULL POWER AND AUTHORITY TO ACT ON BEHALF OF THIS CORPORATION IN ALL NEGOTIATIONS, BIDDING, CONCERNS AND TRANSACTIONS WITH THE PARISH OF JEFFERSON OR ANY OF ITS AGENCIES, DEPARTMENTS, EMPLOYEES OR AGENTS, INCLUDING BUT NOT LIMITED TO, THE EXECUTION OF ALL PROPOSALS, PAPERS, DOCUMENTS, AFFIDAVITS, BONDS, SURETIES, CONTRACTS AND ACTS AND TO RECEIVE ALL PURCHASE ORDERS AND NOTICES ISSUED PURSUANT TO THE PROVISIONS OF ANY SUCH PROPOSAL OR CONTRACT, THIS CORPORATION HEREBY RATIFYING, APPROVING, CONFIRMING, AND ACCEPTING EACH AND EVERY SUCH ACT PERFORMED BY SAID AGENT AND ATTORNEY-IN-FACT.

I HEREBY CERTIFY THE FOREGOING TO BE A TRUE AND CORRECT COPY OF AN EXCERPT OF THE MINUTES OF THE ABOVE DATED MEETING OF THE BOARD OF DIRECTORS OF SAID CORPORATION, AND THE SAME HAS NOT BEEN REVOKED OR RESCINDED.

Verified by pdfFiller
08/24/2023

Anand Trivedi
SECRETARY-TREASURER

08/24/2023
DATE

Request for Proposal

AFFIDAVIT

STATE OF Texas

PARISH/COUNTY OF Harris

BEFORE ME, the undersigned authority, personally came and appeared: Anand Trivedi, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized Director of Administration of VA-TECH SERVICES LLC (Entity), the party who submitted a proposal in response to RFP Number 0464, to the Parish of Jefferson.

Affiant further said:

Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

Choice B X there are **NO** campaign contributions made which would require disclosure under Choice A of this section.

Request for Proposal

AFFIDAVIT

STATE OF Texas

PARISH/COUNTY OF Harris

BEFORE ME, the undersigned authority, personally came and appeared: Anand Trivedi _____, (Affiant) who after being by me duly sworn, deposed and said that he/she is the fully authorized Director of Administration of VA-TECH SERVICES LLC (Entity), the party who submitted a proposal in response to RFP Number 0464, to the Parish of Jefferson.

Affiant further said:

Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all campaign contributions, including the date and amount of each contribution, made to current or former elected officials of the Parish of Jefferson by Entity, Affiant, and/or officers, directors and owners, including employees, owning 25% or more of the Entity during the two-year period immediately preceding the date of this affidavit or the current term of the elected official, whichever is greater. Further, Entity, Affiant, and/or Entity Owners have not made any contributions to or in support of current or former members of the Jefferson Parish Council or the Jefferson Parish President through or in the name of another person or legal entity, either directly or indirectly.

Choice B X there are **NO** campaign contributions made which would require disclosure under Choice A of this section.

Affiant further said:

Debt Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all debts owed by the affiant to any elected or appointed official of the Parish of Jefferson, and any and all debts owed by any elected or appointed official of the Parish to the Affiant.

Choice B X There are **NO** debts which would require disclosure under Choice A of this section.

Affiant further said:

Solicitation of Campaign Contribution Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Attached hereto is a list of all elected officials of the Parish of Jefferson, whether still holding office at the time of the affidavit or not, where the elected official, individually, either by **telephone or by personal contact**, solicited a campaign contribution or other monetary consideration from the Entity, including the Entity's officers, directors and owners, and employees owning twenty-five percent (25%) or more of the Entity, during the two-year period immediately preceding the date the affidavit is signed. Further, to the extent known to the Affiant, the date of any such solicitation is included on the attached list.

Choice B X there are **NO** solicitations for campaign contributions which would require disclosure under Choice A of this section.

Affiant further said:

That Affiant has employed no person, corporation, firm, association, or other organization, either directly or indirectly, to secure the public contract under which he received payment, other than persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project or in securing the public contract were in the regular course of their duties for Affiant; and

That no part of the contract price received by Affiant was paid or will be paid to any person, corporation, firm, association, or other organization for soliciting the contract, other than the payment of their normal compensation to persons regularly employed by the Affiant whose services in connection with the construction, alteration or demolition of the public building or project were in the regular course of their duties for Affiant.

Affiant further said:

Subcontractor Disclosures

(Choose A or B, if option A is indicated please include the required attachment):

Choice A _____ Affiant further said that attached is a listing of all subcontractors, excluding full time employees, who may assist in providing professional services for the aforementioned RFP.

Choice B X There are **NO** subcontractors which would require disclosure under Choice A of this section.

Signature of Affiant

Anand Trivedi

Printed Name of Affiant

SWORN AND SUBSCRIBED TO BEFORE ME
ON THE 25 DAY OF AUGUST, 2023.

ERIC PAGSANJAN
Notary ID #128281893
My Commission Expires
May 24, 2026

Notary Public

ERIC PAGSANJAN

Printed Name of Notary

128281893

Notary/Bar Roll Number

My commission expires 05/24/26.