**PROFESSIONAL SUMMARY**

I offer 10+ years as a solution orientated, computer and systems security executive. I have been successful directing a broad range of network and cloud security initiatives including WAN/LAN initiatives, router management, network VPN implementation, vulnerability assessments, benefit analysis, systems audits, regulatory compliance security risk assessments, intrusion detection, and firewall management. I have worked with epic, agile, six sigma and active SDLC focused on network systems administration, project management, cloud architecture, and security development. I am also proficient in data mining and analysis reporting. Additionally, I possess excellent written, communication, customer service, sales, and product management skills.

**SKILLS**

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| **Operating Systems:** Unix, Linux, Microsoft Windows, Mac 0SX, Ubuntu, **Language:** PHP5, Ruby, XML, jQuery, CSS, MS-DOS, C++, C HTML/HTML5, JavaScript, SQL, **Systems Security:** Magnet IEF, IntruShield, Foundstone Scanner, Firewalls, Tanium, SPF, Win Hex,Secure, FTK Imgur, Netilla, Veracode, Wireshark, Kerberos, Tufin, BlueCoat, John the Ripper, ProofPoint, IBM Data Power Gateway, Crowdstrike | **Database Management:** PopSQL, Veeam, Spss, SAS, SSIS, MySQL, Microsoft SQL Server, Access, Redis**Design:** Adobe Creative Suite, UX/UI Design, Graphic Design**Automation:** Selenium, Task Scheduler, WinScp, FileNet, Blue Prisim, SAP**Development:** Git, Gitter and GitHub, Scala, Visual Studio, ArcGIS, Visual Studio Code, Microsoft Office, GIS, LDAP Voltage, PowerShell, Node.js | **Network/Server:** Fiddler, DNS, Radius, Microsoft IIS, Putty**Enterprise Solutions:** AWS, Hera, Envision, Microsoft Azure, Microsoft SCCM Tools, ServiceNow, Bitbucket, Memcached, Oracle, SharePoint, Varnish, HP-ALM, Ghost Cast, AppDynamics**Virtualization:** VMware Workstation and Player, Cisco VPN, Citrix,**Methods:** Agile, SDLC, UAT Testing, ISACA, SaaS, BDD, ITIL, Waterfall, OWASP, NIST, HIPPA**Telecommunications:** GTL Systems, Avaya |

**EDUCATION**

Pennsylvania State University Capitol College – Harrisburg, Middletown, PA

**Major: Bachelor of Science - Security and Risk Analysis**, December 2019

**Minor: Information Science and Technology**, December 2019

**Certificate**: **National Security Agency – IST**, December 2019

Project Management Institute – Newtown Square, PA

**Graduate Certificate: Project Management**

Harvard University – Cambridge, MA

**Graduate Certificate: Business Analytics**

**RELATED EXPERIENCE**

**IT Systems Project Manager February 2019 – Present**

Conduent

* Served as point of contact for the Pennsylvania Department of Health and Human Services.
* Strategized with managers and executives for risk assessment and building new systems.
* Developed detailed project design plans by tracking and evaluating progress from inception to satisfactory completion in terms of schedule, budget and scope.
* Provided direction and supervision to individual contributors and supervisors on technical and nontechnical issues.
* Managed a team of 200 - 250 employees, systems, servers and contractor resources.
* Assisted with interviews and hiring of new team members.
* Managed operational issues and directed all procurements and bid activities using RFI, RFP & bidder conferences.
* Provided direction to employees according to established policies and management guidance.
* Coordinated across multiple teams, both internal and external, to facilitate the timely and quality implementations of systems and cybersecurity initiatives.
* Verified project results stayed within scope, cost, and time through strategic analysis and system security audits.
* Maintained virtual and physical servers throughout the United States using Master Data Management method.
* Directed IT department's financial operations, systems and personnel performance by tracking project constraints.
* Oversaw issue creation and resolution process using Agile ServiceNow ticketing system.
* Oversaw change management process internally with the Pennsylvania Department of Health and Human Services.
* Used Visual Studio and UltraEdit to direct and coordinated activities related to the design, development and implementation of system enhancements and modifications with SQL, Java and XML script.
* Maintained ownership of entire disaster recovery systems on NetApp SAN – from Infrastructure, Network, Change Design, development, project implementation and client communication.
* Reviewed status of system applications and prepared recommendations for improvements.
* Executed projects for federal and state compliance with yearly IT policy audits.
* Participated in relationship management, pricing and technical reviews of proposals, bids, and contracts for vendors.
* Implemented and maintained UTM/McAfee antivirus protection for network and Conduent systems.
* Used the waterfall methodology to developed project scopes & objectives, while implementing technological strategic solutions within assigned functional areas.

**Senior IT Business Analyst February 2019 – November 2020**

Conduent

* Performed application UAT testing, network security configurations, and hardware/software maintenance using SDLC and Agile methodology on Azure platform.
* Provided technical advice on matters relating to SCADA and automated systems and component for water, electricity and network distribution.
* Monitored automated RTU robotics for any inconsistencies and errors in data, SFTP and electrical security
* Manage firewall/security systems by establishing and enforcing network security policies.
* Used AutoFTP, FileNet, and WIN-Scp to configure automated tasks in Microsoft task scheduler with using MS-DOS scripting language in LAN/WAN directory.
* Worked with C-level executives as well as project management and SME’s to identify data sources, and their relationship to the wider customer journey.
* Used agile and waterfall methodology to developed estimates, timeline and ownership for deliverables including appropriate requirements management techniques.
* Managed server and personnel identification services using Radius and C-cure.
* Prepared quarterly financial forecasts, SOC1, and FTI risk audits that serve as primary sources for executive management, resource allocations, strategic planning and budgeting.
* Implemented and migrated networks using Windows Server 2008 Ent, Windows Server 2008 R2, Windows Server 2012 R2, Windows Server 2019, Windows Server 2016.
* Managed disaster recovery network and data backups on the SAN using Veeam.
* Maintained Domain name Service group policy for Conduent Active Directory employee and systems profile.
* Maintained global IT ticketing system using ServiceNow for application and network failures.
* Implemented and created network security policies and procedures to align with new RMF, NIST requirements
* Coordinated and executed tasks within configuration management, change management, performance assessment, UTM/Network Security, engineering analysis and system integrations.
* Analyzed tradeoffs between user needs, usability considerations, performance impacts, system capabilities and constraints, to allow solution-orientated designs that align with scope, schedule and cost parameters of Conduent.
* Used SQL to regulate access to Conduent systems and databases.
* Developed structured systems and GUI's for data driven assessments of client business processes using XML, JAVA and C++.
* Used Veracode, Azure and Visual Studio (TM) to test and automate applications for any vulnerabilities or issues with the code.
* Gathered requirements from client environments through a combination of process mapping, stakeholder interviews and contextual data sources to troubleshoot application issues and to create user stories and use cases.
* Managed requirements artifacts development, including resolving issues, driving to on-time completion while adhering to inspection and approval processes.
* Planned, developed, tested & deployed migration of Windows servers and applications (DNS, DFS, DHCP, FTP).
* Identified and contained new network security threats through careful implementation of firewall policy for system maintenance on OSI level 4, 5, 6 and 7 on a CISCO platform.
* Mitigated all phases of the SDLC to ensure implementation of system requirements.
* Preserved assets by implementing information security business best practices.
* Managed Conduent cloud security using VMware ESXI 6.0, 6.5 & 6.7 to establish policies and requirements.
* Managed and designed internal UI/UX applications using JavaScript, HTML, CSS and XML.
* Kept up to date with any known vulnerability threats using NVD and CVE list to keep compliant with business best practices.
* Managed and created guidelines in IT cooperate governance, IT cloud server system policies using new COBIT and ISACA guidelines.
* Used AppDynamics to monitor datafiles and server traffic & server health metrics for in house applications.

**Database Administrator December 2017 – January 2019**

Pennsylvania Higher Education Assistance Agency

* Assisted customers with troubleshooting online account issues in .Net environment.
* Managed National Student Loan Data Systems and used SQL to update borrower student loan profile.
* Modify the loan and user database structure, as necessary, from information given by application
developers using DOS scripting language.
* Involved in infrastructure defining, designing and validating for the new applications.
* Created and manage primary database storage structures for application
developers.
* Helped company go through audits for security management, data accuracy and performance; also, for acquisition related due diligence.
* Performed Cloud security assessments to assure DOS network compatibility on a weekly basis.
* Monitor and development the SQL servers for space regularly and perform capacity planning every quarter for new client databases.
* Mitigated inbound calls on a variety of account issues.
* Processed and mitigated disaster recovery plans based on network servers, business continuity planning, and cyber security applications.
* Processed incoming correspondence, forms, and other documents received from customers.
* Conducted in-depth analysis of customer student loan portfolios based on US tax regulations and requirements.
* Managed and executed IBM Cloud database.

**Peer Tutor (Computer Science) August 2016 – May 2018**

Pennsylvania State University Capitol College - Harrisburg

* Met with clients on a one-to-one, small group, drop-in, or classroom tutoring format(s) to give learning assistance.
* Covered front desk, assisted with new Student Welcome activities, organized materials, and performed other clerical duties.
* Met with clients and clarified academic content as requested by the tutee.
* Prepare student reports for advisors.
* Conduct student outreach efforts as assigned
* Assessed the student’s skills in note taking, daily study skills, time management, problem solving, and, test taking.
* Taught C++, Pearl, C#.Net, HTML, SQL, JavaScript, CSS, MATLAB, Visual Basic, Agile & Waterfall Methodology, Java, Lynx, Python, PHP, IOS, Ruby/Rails.
* Attended mandatory tutor-training sessions as required by the Campus Coordinator.

**Program Operations Support, May 2016 – August 2016**

Envision

* Created HTML, Java & CSS gaming developmental space and web design.
* Provided SCADA hardware and software support for local and remote users in an Apple/Windows environment.
* Monitored temperature and humidity of proprietary hardware to ensure compliance with business best practices.
* Used Veracode to test gaming applications for vulnerabilities.
* Experienced with 3-phase 480/3Ph/60Hz, 400/3Ph/50Hz, 230 VAC, single-phase 208/120 VAC, and 24 VDC systems
* Used Blue Coat Secure Web Gateway to monitor device user traffic and system issues.
* Drove long-term technical, process and policy documentation.
* Opened and improved channels for cross boarder team collaboration.
* Received first-hand student management experience.
* Used PowerShell and DOS for SCADA automation scripting
* Conducted penetration testing for large enterprise networks.
* Managed project integration service.
* Engaged in curriculum design.

**Business Analyst (Harrisburg Area Public School Foundation), August 2015 – May 2017**

Pennsylvania State University Capitol College - Harrisburg

* Developed policy documents for automation testing and system compliance for The Foundations IT Infrastructure.
* Served as lead Project Manager and point of contact for the Harrisburg area Public School Foundation.
* Conducted audits based on COBIT 5 requirements for IT security management and network performance.
* Mitigated the change management for new hardware and software systems implementation
* Performed penetration testing & systems vulnerability assessment for systems compliancy.
* Provided troubleshooting, repairs, testing, and modification of Local Area Network (LAN) / Wide Area Network (WAN), electronic equipment and services.
* Provided engineering services and coordinated the operation, maintenance, renovation, and expansion of The Foundations electrical systems
* Created and implemented directory and web services on Windows 2008 servers.
* Assisted in the writing and review of organizational security policies to support internal control (access management, contingency planning & testing, Security Awareness, intrusion detection, Patch Management, Anti-Virus, etc.)
* Provided continued maintenance and development of bug fixes and patch sets for existing applications.
* Wrote user stories and use cases to facilitate application development and design in agile development environment.
* Monitored network performance and recommended improvements on network security standards.
* Managed Group Policy Objects using Active Directory (AD) enterprise
* Monitored and regulated IT departments’ budget and expenditure.
* Directed interviews and hired individuals to assist with project development.
* Developed workflow charts and diagrams to ensure production team compliance with client deadlines.
* Reviewed security logs to ensure compliance with NIST policies and procedures and identifies potential anomalies.

**Data Analyst, August 2015 – May 2018**

Pennsylvania State University Capitol College - Harrisburg

* Created tables, graphs, fact sheets, and written reports summarizing research results.
* Made sure all research and information acquired met HIPPA guideline.
* Used the waterfall methodology to outline the process of migrating the outdated research activity data to the new database.
* Worked on advanced distribution automation projects for the department of Research and Outreach regarding power conservation and the creation of alternative energy sources.
* Worked in Dean and Chancellors office to maintain and create new system for reporting university research and teacher tenure activity.
* Manage system information, security architecture, design, installation, operational planning, and risk remediation activities on several server systems for various clients, ensuring all systems installed according to schedule.
* Managed Web vulnerability program including creating functional requirements and procedures.
* Used SQL to manage teacher tenure activity.
* Schreyer’s Honors College systems portfolio manager.
* Providing training to developers while achieving compliance and reducing Web risk exposure to within pre-agreed acceptable risk level.
* Wrote SQL queries to integrate archived data from server.
* Published research materials.
* Conducted risk assessment evaluating security of Web applications and related infrastructure, defining risk matrix, providing technical and executive reports with detailed findings, recommending mitigation strategies and performing cost-benefit analysis.

**Owner/Senior IT Project Management Consultant, August 2010 – Present**

Curb Consulting Ventures

* Managed final code review in Azure DevOps (TFS) to ensure that best practices and procedures are adhered.
* Provided remote and onsite IT audits to clients.
* Kept up to date with NVD & CVE list for client network security.
* Solved client’s IT issues – managed changes, recommended projected modifications about software and hardware.
* Managed
* Used SDLC and agile development methodology to ensure that application development was on track in Microsoft Azure on Team foundation Server platform.
* Conducted large-scale operating system migration and configurations for clients.
* Recommended and estimated the purchasing of new IT systems and infrastructure.
* Provided IT infrastructure automation solutions to clients.
* Developed IT policy documents for clients regarding new IT architecture.
* Re-engineered business process, applications and IT Architecture to make sure new systems and IT infrastructure implemented are current with business requirements & best practices.
* Determined user stories criteria to assist developers with software/application creation.
* Initiated IT testing to keep client’s systems current with NIST and ISACA guidelines.
* Used Visual Studio Test Manager (MTM) to automate UAT testing and develop test plans in Azure DevOps (TFS) Platform

**Help Desk Managerial Analyst, July 2009 – August 2011**

Let’s Go Bowling

* Provided third level support for the Help Desk and PC Lab
* Filled in for in-house IT services as needed, installing new desktop for developers, engineers, and executive team members.
* Managed live chats and correspondence systems and mitigated any IT related issues that occurred.
* Installed, upgraded and supported Microsoft Windows Servers 2003/2008/2011
* Used active directory to maintain user account profile
* Maintain company policies and procedures governing corporate security, email and internet usage, access control, and incident response.
* Operated cash register and managed POS site.
* Setup special use PCs and laptops for support personnel.
* Troubleshoots Mac OS, IOS Devices, Windows, and Android Devices.
* Scheduled appointments with excel and schedule creator
* Assisted with on boarding process and trained new employees.

**Lab Technician, February 2010 – January 2012**

American International School Lagos Nigeria

* Kept records of circulated material.
* Developed functional requirements for system maintenance.
* Setup and customize software Windows & Mac operating systems.
* Prepared, manipulated, and managed extensive databases.
* Developed research topics and formulated hypothesis.

**ACADEMIC EXPERIENCE**:

**Computer and Cyber Forensics (IST 454) – Cyber Forensics**

* Managed vulnerability assessments in mobile & computer security.
* Investigated methods to uncover, protect, exploit, and document digital evidence
* Mitigated computer & cybercrimes investigation.

**Overview of Information Security (SRA 221) – Systems Management**

* Critiqued various open source systems while familiarizing myself with various code languages

(Ex. Python C# Visual Basic, Java, JavaScript, C#, XML, Bash).

* Used Bitbucket to share and test code before final implementation
* Evaluated and assed security weaknesses leading to privacy concerns.

**Business Telecommunications (MIS 448) – Cryptography & Security**

* Analyzed telecommunication concepts, evolution, and present applications in business.
* Managed software and hardware components of telecommunication networks.
* Studied concepts and utilized systems in Azure & AWS.

**INVOLVMENT & LEADERSHIP**

* Varsity Athletics - Technical support Team Manager, 2016-2017
* IST Club (Cyber Lions) – Web Master 2015-2017
* African Student Union – Member 2015-2017
* Six Sigma – Member 2018
* Business Management – Member 2015-2017
* Entrepreneurship Club – Systems Manager 2013-2017

**TRAINING & CERTIFICATIONS**

* Full Stack Web Development
* Java Script
* SQL Certified
* CRLA Certified
* AWS Training
* CompTIA Network+

**AWARDS**

* Penn State University Deans List Recipient 2012, 2013, 2016 & 2017.
* AISL Class of 12’ AISA West African Community service Award 2012
* AISL Platinum Service Award 2012
* AISL Outstanding Researcher of the Year 2011