**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**

Fluent in Unix, Linux, Microsoft Windows OS, PopSQL Veeam, Magnet IEF, IntruShield, Foundstone Scanner, PhotoShop, Firewalls, FileNet, Git, Gitter and GitHub, Citrix, Tanium, Fiddler, SPF, Win Hex, Spss, Cisco VPN, UX/UI Design, Secure, PHP5, Ruby, AWS, FTK Imgur, Scala, DNS, Visual Studio Netilla, XML, SAS, Hera, Graphic Design, jQuery, ArcGIS, Visual Studio Code, Adobe Creative Suite, Veracode, Wireshark, Tufin, VMware Workstation and Player, Envision, CSS, DOS, Microsoft Azure, ServiceNow, MS-DOS, Linux BlueCoat, UTM, ProofPoint, GTL Systems, SSIS, Oracle, GIS, Agile, MySQL, LDAP Voltage, SQL, Sharepoint, John the Ripper, SaaS, C++, C HTML/HTML5, IBM, IBM Data Power Gateway, Crowdstrike, SDLC, Microsoft SQL Server, Ghost Cast, UAT Testing, Active Directory, Radius, Microsoft IIS, Mac 0SX Varnish, Redis, Memcached, Access, Bitbucket, Node.js, Putty, JavaScript, and Microsoft Office.

**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

Major GPA: 3.67

Cumulative GPA: 3.10

**RELATED EXPERIENCE**

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

Conduent

* Served as point of contact for the Pennsylvania Department of Health and Human Services.
* Strategized with IT Manager and executives for risk assessment, and building new systems and knowledge repositories.
* Developed detailed project design plans by tracking and evaluating progress from inception to satisfactory completion in terms of schedule, budget and scope.
* Created policy in regards to cyber security and Network architecture.
* Provided direction and supervision to individual contributors and supervisors.
* Managed a team of 200 - 250 employees, systems, servers and contractor resources.
* Assisted with interviews and hiring of new team members.
* Provided direction to employees according to established policies and management guidance.
* Coordinated across multiple teams, both internal and external, to facilitate timely and quality implementations of IT systems and cybersecurity initiatives.
* Verified project results through strategic analysis and conducting system security audits.
* Used HTML and Java to design and maintain Conduent web-based application called Kidstar.
* Managed and maintained virtual and physical servers located throughout the United States using Master Data Management method.
* Oversaw issue creation and resolution process using ServiceNow ticketing system.
* Oversaw the change management process internally and with the Pennsylvania Department of Health and Human Services.
* Maintained ownership of entire disaster recovery systems on 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 policy audits.
* Participated in pricing and technical reviews of proposals, bids, and contracts.
* Implemented and maintained UTM/McAfee antivirus protection for network and Conduent systems.
* Developed project scopes & objectives, while implementing technological strategic solutions within assigned functional areas.

**Senior IT Business Analyst February 2019 – Present**

Conduent

* Performed application UAT testing, network security configurations, and hardware/software maintenance.
* 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.
* Directed IT department's financial operations, systems and personnel performance.
* Developed estimates, timeline and ownership for deliverables including appropriate requirements management techniques.
* Prepared quarterly financial forecasts and IT 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 to test applications for any vulnerabilities or issues with the code.
* Gathered data from client environments through a combination of process mapping, stakeholder interviews and contextual data sources.
* 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.
* Implemented cyber security audits and threat analysis for cloud-based infrastructure.
* 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.
* Migrated MPLS Cloud to new fiber optic system with over 50mbps

**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 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 hardware and software support for local and remote users in an Apple/Windows environment.
* Used Veracode to test gaming applications for vulnerabilities.
* 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.
* 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 in regards to cyber security architecture, automation testing and system compliance.
* 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.
* 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.
* 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 web applications.
* 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.
* Worked in Dean and Chancellors office
* 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.
* Ensured compliance with IT best practice in regards to risk compliance.
* Managed Web vulnerability program including creating 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 Consultant, August 2011 – Present**

Curb Consulting

* Managed final code review 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 in regards to client network security.
* Solved client’s IT issues – determined changes, recommended projected modifications in regards to software and hardware.
* Used software development life cycles to ensure that application development was on track on Microsoft Azure 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 with tools like SAP Business Objects, Task Scheduler, and Selenium.
* Developed IT policy documents for clients in regards to new IT architecture.
* Initiated IT testing to keep client’s systems current with NIST and ISACA guidelines.

**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.
* 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.
* 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
* Project Management Certified
* 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