

Highly analytical and detail-oriented certified professional with substantial experience reducing security workload, evaluating the criticality of identified vulnerabilities, managing all facets of a network. Adept at designing and engineering the organization's Azure migration and production environment. Impeccable record of refining operational flow via uncovering anomalies, executing prompt solutions, and alleviating inefficiencies. Skilled in integrating innovative processes to increase operational efficiency. Excel at leading training sessions and professional development of subordinates. Demonstrated success by implementing CI/CD and Azure DevOps, employing Privileged Identity Management, and automating AAMVA's certificate generation and deployment. Proficient in conducting security assessments, implementing security controls, establishing security standards, and developing threat detection/response and forensics capabilities. Articulate communicator with ability to forge professional relationships with clients, contractors, partners, and colleagues.

Technical Proficiencies

Languages/ Frameworks:	PowerShell, Python, XML, JSON
Operating Systems:	Windows, Linux
Software/Technologies:	Azure, AWS, Nessus Security Center, Symantec DLP, Splunk, Active, Directory, CIS-Secure Suite, Git, Visual Studio, Azure DevOps, VMWare, Windows Server 2012, 2016, 2019

Career Experience

Area Lead Cloud Security Engineer, American Association of Motor Vehicle Administrators, Washington, DC 2020 – Present

Design and engineer AAMVA's Azure migration and production environment by collaborating with the development and infrastructure teams. Reduce security workload and error by automating and scripting security tasks. Remediate vulnerabilities and monitor networks/users and data by employing a variety of security tools. Mentor junior security engineers on best practices and new technologies. Reduced data exposure to the internet by designing and implementing private endpoints for Azure Storage.

- Decreased security deliverable time from weeks to one day by implementing CI/CD and Azure DevOps.
- Minimized Azure monitoring costs by \$5K per month by removing duplicate log collection.
- Reduced cost of new hire security orientation and training by developing/delivering new hire security orientations and training new software engineers on secure coding practices.
- Implemented Privileged Identity Management, adding access audits, time-bound access, and access requests.

Senior Security Analyst | Security Analyst 2018 – 2020

In consecutive roles, reduced the attack surface of the server by hardening new servers to the predetermined baseline using CIS-Secure Suite. Ensured quality performance by managing user accounts, security groups, GPOs, and AAMVA's PKI from creation to de-provisioning. Determined criticality of identified vulnerabilities and mitigated finding by coordinating with system owners. Developed and maintained key security, privacy, and business continuity artifacts, including documentation supporting a security certification and accreditation process based on the FISMA and NIST guidelines. Improved security and automation by implementing a WinRM GPO.

- Decreased completion time by 50% by automating AAMVA's certificate generation and deployment.
- Automated HSTS configuration, removing a constant penetration test finding.
- Achieved Azure Security Engineer, Azure Fundamentals, CEH, and CISSP certifications.
- Reduced vulnerability findings in Nessus by 15% by removing false positives and automating configurations.
- Removed audit findings by implementing MFA authentication for a web application.

Information Security Officer, Commonwealth of Virginia DBHDS, Richmond, VA 2016 – 2018

Complied with the organization's information security requirements while evaluating and supporting the documentation, validation, and accreditation processes. Collected and preserved digital evidence in support of eDiscovery, FOIA, and internal investigations. Developed the IAM system by introducing new functionalities and connections in applications

- Ensured business growth by providing forensic evidence of an employee's misconduct, saving the agency millions in pending litigation.
- Improved security posture and removed HIPAA violation by implementing a secure texting application for the hospital staff.
- Reduced storage costs and security administration by designing the IBM Box solution.

Additional Experience: Police Officer/Community Resource Officer at City of Norfolk.

Education

Bachelor of Science in Information Technology: Computer Science (Graduated magna cum laude)
Liberty University, Lynchburg, VA, 2016, GPA: 3.8

Master of Science in Administration of Justice and Security Management
University of Phoenix, Phoenix, AZ, 2013, GPA: 3.8

Bachelor of Science in Criminal Justice
Virginia Commonwealth University, Richmond, VA, 2008, GPA: 3.2