David A. Catino
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Summary of Qualifications

Certified CompTIA Security+ CE and CySA+ CE professional with over a decade of experience in IT and Cybersecurity, encompassing software development, vulnerability assessments, policy implementation, and compliance. Highly motivated with a proven ability to implement and enforce security measures, conduct STIG checks, and contribute to secure system development. Strong understanding of cybersecurity principles and a track record of improving system security.

Accomplishments

- Implemented security patches for DoD projects, aligning with OWASP recommendations and STIGs, to significantly reduce identified vulnerabilities.
- Streamlined security processes through SBOM implementation, improving vulnerability detection and response times.
- Conducted STIG checks and validation on DoD systems to ensure compliance with security standards.
- Led the creation and implementation of a project funding tracker and audit trail for internal U.S. Department of Defense (DoD) projects, enhancing transparency, accountability, and security audit capabilities.
- Participated in vulnerability assessments and security reviews of proposed system designs, identifying and mitigating potential risks.
- Implemented secure data export to Excel and PDF formats, ensuring compliance with government security standards.
- Streamlined automated testing environments, contributing to secure development practices.

Technical Skills

- **Cybersecurity:** Risk Management Framework (RMF), STIGs, Nessus, vulnerability assessments, security audits, security policy implementation, incident response, SBOM, SonarQube (code vulnerability scanning), security patching, vulnerability remediation
- **Programming Languages:** C#, Java, Node.js, JavaScript, COBOL
- **Web Development:** React, Angular, .NET MVC, Bootstrap, jQuery, TypeScript
- **Databases:** MS SQL, MySQL, Azure Cosmos DB (NoSQL), Oracle Database
- **Data Exchange:** JSON, XML, RESTful API, OData, WSDL
- **DevOps/Containerization:** Docker (including secure secrets injection from Azure Key Vault), Jenkins, CI/CD Pipelines, Git
- **Cloud Computing:** Azure App Services (deployment, configuration, maintenance), Azure Virtual Desktops, Azure Cosmos DB, Azure Fundamentals (AZ-900)
- **Additional Skills:** Agile Project Management, Problem-Solving, Legacy Systems Adaptability, Team Leadership

Professional Experience

Information Technology Specialist (Federal Employee), December 2024 to Current

Internal Revenue Service (IRS), U.S. Department of the Treasury - Bethlehem, PA

- Rapidly acquired introductory knowledge of mainframe systems and COBOL programming.
- Assisted in initial phases of security program implementation, focusing on understanding vulnerability assessment processes.
- Participated in reviews of proposed system designs, contributing to the identification of potential security risks.
- Contributed to early-stage discussions regarding vulnerability reporting criteria.

Senior Software Engineer, July 2023 to June 2024

B. Braun Medical Inc. – Bethlehem, PA

- Collaborated effectively with teams to deliver key application features using Ruby on Rails, Angular, and .NET.
- Streamlined security processes through SBOM implementation.
- Identified and resolved bugs impacting multiple projects, ensuring optimal functionality and user experience.

Web Developer, July 2011 to July 2023

Universal Technical Resource Services, Inc. (UTRS) – Dover, NJ, Picatinny Arsenal (DoD Contractor - Government IT Services)

- Conducted security patching and vulnerability remediation for DoD applications, ensuring compliance with STIGs and other security standards, and implementing secure data export to PDF and Excel.
- Developed and implemented secure web applications using .NET, C#, and Java, including a custom library for secure file access, and conducting code reviews for security vulnerabilities.
- Maintained and optimized applications and database jobs in various environments, ensuring maximum uptime and security compliance.
- Led my team's successful transition from Java to .NET MVC, improving efficiency, security, and providing comprehensive training.
- Ported legacy Oracle ADF/Apache Trinidad applications to .NET MVC Core Entity Framework, modernizing internal systems.
- Provided technical support and worked closely with end users, clients and stakeholders to develop custom solutions and ensure their ongoing satisfaction.

Education

Bachelor of Science in Information Sciences and Technology, May 2011

   Penn State University – University Park, PA

CompTIA CySA+ CE

CompTIA Security+ CE - Meets DoD 8140 IAT Level II Requirements

Microsoft Azure Fundamentals (AZ-900)

Department of the Army Certificate Cyber Security Fundamentals (CSF) 25 CPE Hours