

Jody Miller

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Professional Summary

Resourceful and detail-oriented IT professional with a broad background in software development, application support, system administration, research, and data analysis lending to a holistic view of security. CompTIA Security+ certified and Masters in Information Technology. Known for problem-solving, adaptability, and continuous learning with a growth mindset.

Certifications

- **CompTIA Security+** (Valid through April 2028)
- **Microsoft Azure Fundamentals** (AZ-900)

Technical Skills

- Security & Cloud: Azure (IaaS, basic security concepts), CompTIA Security+ concepts, VT Coursework
- Programming | 3 years: C#, VB, Java, HTML/CSS, .NET Core, Entity Framework
- Databases & Reporting | 12 years: SQL Server, SSRS, Crystal Reports, Power BI, SAP Business Objects
- Systems/Tools: Zoho CRM, Dynamics 365, Power Apps, Power Pages, Windows Forms
- Other | 2 years: Application configuration, system/user administration, IT support

Education

M.S. in Information Technology	<i>May 2025</i>	Virginia Tech – Blacksburg, VA
B.S. in Business Administration	<i>May 2016</i>	Liberty University – Lynchburg, VA
International Affairs Coursework	<i>2002-2005</i>	George Washington University – Washington, DC

Professional Experience

Inside Sales & Systems Analyst

Nexgen Utility Sales – Feb 2024 to Nov 2024

- Designed and maintained Power BI dashboards to enhance operational visibility
- Led CRM migration to Zoho, ensuring data integrity and process continuity
- Piloted inventory and expense management systems with security-conscious configuration

Application Development Analyst II

City of Lynchburg, VA – Nov 2021 to Feb 2024

- Developed and maintained internal applications using C#, VB.Net, and HTML/CSS
- Created SQL stored procedures and reports (SSRS, Crystal Reports) for various departments
- Supported application installations, configurations, and basic user access management

Business Application Developer

Applied Information Sciences – Apr 2021 to Oct 2021

- Built secure business apps using Microsoft Dynamics 365, Power Apps, and Power Pages

Operations Analyst / Proposal Manager

Delta Star, Inc. – Jan 2017 to Apr 2021

- Created dashboards tracking KPIs and operational metrics
- Led RFQ process management across multiple sites, including data integrity and reporting oversight

Business Process Improvement Specialist (Various Roles)

Genworth Financial – Jul 2010 to Jan 2017

- Developed Business Objects reports and provided actionable data insights
- Supported implementation of speech analysis software
- Participated in customer service escalation resolution and workload automation initiatives

Projects & Labs

- Virtual labs: Try Hack Me, Hack the Box; Virginia Cyber Range through Virginia Tech
 - Try Hack Me profile: <https://tryhackme.com/p/jomomo>
- Home lab with Windows Server 2019, OWASP Broken Web Apps, and Metasploitable Virtual Machines
 - OS: Windows and various Linux operating systems; system and application logs
 - Familiarly with iOS, Android, macOS (Monterey)
 - Tools: nmap, Burpsuite, Metasploit, Gobuster, FFUF, Hydra, John the Ripper, Wireshark and more
 - Vulnerabilities: cross site scripting, SQL injection, file inclusion/directory traversal, remote code execution, broken access control
- Coursework from Virginia Tech
 - Master's certificate in Software Development
 - Networking & Protocols I
 - Crime & Conflict in Cyberspace (MITRE ATT&CK, Diamond Model of Intrusion)
 - Cybersecurity Program Design (NIST, ISO 27001 frameworks)
 - IT Security and Trust (Virginia Cyber Range labs)
 - Critical Engineering Approaches to Innovative and Emerging Technologies