

# Devin Emmans-Bosley

Cloud Enthusiast — DevSecOps — IT Professional  
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## Summary

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Cloud Enthusiast, IT professional transitioning into Cloud Engineering and DevSecOps. Skilled in scripting (Python, Bash), system administration, vulnerability remediation, and secure infrastructure design. Actively building cloud-native projects using AWS, Infrastructure as Code (Terraform), and automation tooling. Proven communicator, technical mentor, and hands-on problem solver with a foundation in security.

## Professional Experience

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### Tier 2 Help Desk Technician / Team Trainer

*Agenda Consulting, Fredericksburg, VA*

*Jan 2025 – Present*

- Led technical escalations across 5,000+ endpoints; implemented SOPs and trained Tier 1 staff, reducing escalations by 40%
- Automated endpoint tasks and remediations using N-Able RMM; optimized incident workflows to improve response time
- Administered Microsoft 365 and JumpCloud: user lifecycle, MFA, SSO, and device provisioning
- Orchestrated two MSP-to-internal migrations with minimal downtime

### IT Support Specialist

*Catawba Corporation, Middleburg, VA*

*Aug 2023 – Nov 2024*

- Provided multi-site support for on-prem and cloud-linked services; managed AD, DHCP, network configs
- Maintained Windows servers and endpoints with patching, hardware swaps, and preventive maintenance
- Authored IT documentation and playbooks to standardize support
- Conducted user training on phishing, password hygiene, and endpoint security

## Projects

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### Cloud Resume Challenge

*godevtech.cloud*

*June 2025 – Ongoing*

- Deployed resume site via AWS S3, CloudFront, Route 53, and GitHub Actions
- Monitoring with CloudWatch; Lambda + DynamoDB for dynamic visitor counter
- Built 3-tier AWS architecture with Terraform following security best practices
- Integrated GuardDuty, IAM policies, and logging with CloudTrail

## Education

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### Western Governors University

*Salt Lake City, UT*

M.S. Cybersecurity and Information Assurance

*April 2025*

## Graduate Projects

### Enterprise Penetration Testing Engagement

- Created full-scope pen test plan; discovered 15+ critical vulnerabilities
- Used Kali Linux, Metasploit, and Burp Suite; reduced attack surface by 40%

### Zero-Trust Cloud Security Implementation

- Designed IAM policies, CloudTrail monitoring, and S3 encryption
- Reduced unauthorized access attempts by 70%

### Enterprise Cybersecurity Program Development

- Built NIST CSF-aligned program; reduced MTTR by 65%
- Created risk framework addressing ransomware/supply chain risks
- Projected \$250K annual breach cost savings via security controls

### Skills

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**Cloud & DevOps:** AWS, GitHub Actions, Terraform, CI/CD, CloudWatch, Lambda, S3, Route 53

**Security & Infra:** Kali Linux, pfSense, Sophos MDR/EDR, GuardDuty, JumpCloud, AD, IAM, MFA, SSO

**Languages:** Python, Bash, Java, JSON, YAML, HTML/CSS, JavaScript

**Tools:** M365 Admin, Metasploit, Burp Suite, Nessus, N-Able RMM, PowerShell

### Career Goals

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My goal is to develop advanced cloud architecture and DevSecOps skills and contribute to secure, scalable cloud solutions. I aim to:

- Deepen expertise in AWS infrastructure and security
- Master Infrastructure as Code through hands-on projects
- Integrate security into all phases of cloud development
- Contribute to open-source cloud automation projects
- Earn advanced AWS certifications