Abyan Ahmed

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Overview

Aspiring Cybersecurity Analyst pursuing a B.S. in Information Technology with a concentration in Cybersecurity at George Mason University. At SecureIT, I developed internal FedRAMP compliance and vulnerability assessment applications, supported AWS deployments, and analyzed SonarQube security findings. Previous experience includes penetration-testing remediation reporting, simulated phishing analysis, and SIEM threat intelligence research at Resilience, Inc.

Technical Skills

Cybersecurity & IT: Firewall Configuration & Management, Network Traffic Analysis & Packet Sniffing (Wireshark), Encryption Protocols, TCP/IP Framework, Vulnerability Scanning, Networking, Troubleshooting, Operating Systems, SIEM Log Analysis, End-User Troubleshooting, Cloud Computing, FedRAMP, NIST 800-53, NIST 800-37, Gap Analysis
Programming & Scripting: Python, HTML, JavaScript, Bash, SQL, Node.js
Tools & Platforms: Active Directory, Nmap, Kali Linux, Oracle VirtualBox, Windows, MySQL, SonarQube, AWS Bedrock, CloudFront, Lambda, S3, CI/CD, Git

Experience

SecureIT June 2026 – Present
Cybersecurity Engineer Intern *Reston, VA*
- Developed and enhanced an internal FedRAMP compliance application, improving its user interface, document-generation workflow, questionnaire functionality, control library integration, and AI-assisted template completion.
- Deployed and tested application updates using AWS CloudFront, while supporting integrations involving AWS Cognito, Lambda, S3, and related cloud infrastructure.
- Built and maintained a vulnerability assessment tool capable of parsing multiple vulnerability scan formats, comparing asset inventories, identifying missing hosts, detecting credentialed scans, and generating human-readable RET exports in Excel, PDF, and HTML formats.
- Conducted recurring application security scans with SonarQube, analyzed reliability findings and security hotspots, configured scan exclusions, resolved authentication and permissions issues, and exported findings into structured JSON for remediation.

Resilience, Inc Jan 2026 – May 2026
Cybersecurity Analyst Intern *Remote / Tampa, Florida*
- Produced remediation reports from penetration testing findings, delivering clear patching and mitigation guidance.
- Analyzed simulated phishing campaigns and recommended improvements to security awareness training.
- Collaborated with Assessment team to prioritize and validate vulnerability fixes based on risk.
- Researched security improvements, including phishing detection and reporting enhancements.
- Evaluated open-source threat intelligence tools to strengthen SIEM detection and visibility in Graylog

Projects and Academic Experience | *Explore more of my projects at abyanahmed.com*

Active Directory / Windows Server 2022 Setup January 2026
VirtualBox, AD DS, Group Policy Management
- Installed and configured Windows Server 2022 in a virtualized lab environment.
- Deployed Active Directory Domain Services (AD DS) and promoted the server to a Domain Controller.
- Created and configured Group Policy Objects (GPOs) for specific policies such as user restrictions.

Personal Cybersecurity Home Lab May 2025-Present
VirtualBox, Kali Linux, Metasploitable 2
- Documented, configured, and maintained a VirtualBox lab with Kali Linux to simulate real-world IT and cybersecurity environments.
- Built and managed an isolated penetration-testing environment (Kali Linux + Metasploitable 2) in VirtualBox to practice active reconnaissance.
- Conducted network scanning, packet analysis, and vulnerability assessment using tools such as Nmap.

Certifications

CompTIA IT Fundamentals+ (ITF+) Certification | Google Cybersecurity Professional Certificate

Education

George Mason University August 2024 - May 2028
Bachelors in information technology, Cybersecurity Concentration, ***GPA:*** *3.93/4.0 | Fairfax, VA*
Courses: Information Security Fundamentals, Introduction to Computer Programming/OOP, Modern Telecommunications, IT Architecture Fundamentals

Potomac Falls High School September 2020 – June 2024
Advanced Studies Diploma, ***GPA:*** *4.13/4.0 | Sterling, VA*
Relevant Courses: Introduction to Cybersecurity, Cybersecurity Operations