Paul Temidayo Ayegbusi

Entry Level Cyber Security Analyst

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PROFESSIONAL SUMMARY

Security-focused practitioner with hands-on experience in offensive security, network defense, and AWS cloud hardening. Built custom vulnerability scanners and SDN-based IDS systems with measurable gains. Executed IAM misconfiguration exploits via PwnedLabs simulations. Skilled in Python automation, pen testing, and secure system design. Actively documenting and applying these skills through ZeteoSec — a content platform for real-world cybersecurity learning.

TECHNICAL SKILLS

Cloud Security: AWS (IAM, EC2, S3), CloudTrail, Security Groups, VPC, Shared Responsibility Model, Cloud Hardening Techniques
Cybersecurity & Offensive Security Tools: Nmap, Burp Suite, Metasploit, Wireshark, Snort IDS, Nikto, Dirb, Gobuster, Hydra, SQLMap
Secure Coding & Scripting: Python (security automation, custom scanners), Bash, Secure Input Handling, OpenSSL, Code Auditing (OWASP Top 10)
Web Application Security & Enumeration: Manual and automated testing for XSS, SQLi, IDOR, CSRF; Subdomain enumeration, Directory brute-forcing, Banner grabbing, Port scanning
Frameworks & Methodologies: NIST Cybersecurity Framework (CSF), MITRE ATT&CK, OWASP Top 10, Cyber Kill Chain
Operating Systems & Environments: Linux (Ubuntu, Kali), Windows Server, Virtualization (VirtualBox, VMware), Mininet (for SDN simulations)

PROFESSIONAL EXPERIENCE

Cybersecurity Instructor & Collaborator
Hack Secure — *Remote | 2025 – Present*

- Partnered with Hack Secure to develop and deliver hands-on cybersecurity training focused on real-world threat simulation, ethical hacking, and cloud security fundamentals.
- Serve as a lead instructor, guiding learners through curated labs and practical exercises designed to build offensive and defensive security skills.
- Contribute to content development and curriculum planning, ensuring alignment with industry standards such as OWASP Top 10, MITRE ATT&CK, and NIST CSF.

- Support the Hack Secure community through mentorship, Q&A sessions, and technical feedback, helping students build confidence and readiness for cybersecurity roles.

Cybersecurity Intern | Octagon Cybersecurity — Remote | March 2025 – Present

- Spearheading the development and refinement of a Cybersecurity Assessment Tool to automate the evaluation of organizational security posture.
- Conducted extensive troubleshooting during tool deployment on Kali Linux, addressing environment compatibility, dependency management, and runtime issues.
- Collaborated on UI/UX enhancements to improve tool usability, streamline workflows, and ensure alignment with end-user feedback.
- Gained hands-on experience in secure coding practices, system hardening, and real-world application of cybersecurity frameworks.
- Participated in regular team reviews and documentation of progress, contributing to a structured and iterative development cycle.

Creator & Host | ZeteoSec | April 2025 – Present

- Document and share my cybersecurity learning journey through beginner-friendly videos covering penetration testing, cloud security, ethical hacking, and real-world security challenges.
- Build an engaged community focused on demystifying cybersecurity for SMEs and individuals.

Freelance Cybersecurity Specialist | 2024 – Present

- Performed vulnerability assessments for SMEs using Nmap and OpenVAS.
- Advised clients on AWS IAM best practices and MFA implementation.
- Automated network reconnaissance with Python scripts.

Intranet System Developer | Ongoing Project | 2025

- Building an intranet system to securely connect Nigerian and UK branches of a company with a unified database and video communication.
- Integrating secure communication protocols, camera feeds, and common file-sharing interfaces under a single network.
- Designing access control and user authentication mechanisms for different department tiers.

KEY PROJECTS

PwnedLabs AWS Cloud Breach Simulations

- Exploited IAM misconfigurations and unsecured S3 buckets in lab environment.
- Documented remediation strategies for cloud infrastructure.

SDN-Based Intrusion Detection System

- Led team to build IDS using Mininet/POX, improving threat detection by 30%.

EDUCATION

Bachelor of Technology (BTech) in Cybersecurity
Ladoke Akintola University of Technology
Expected Graduation: 2026

CERTIFICATIONS

- Certified Network Security Practitioner (CNSP) | SecOps Group
- Mastercard Cybersecurity Job Simulation
- Cisco Networking Academy: Junior Cybersecurity Analyst

- ISC2 CC