

ADEBILEJE NURUDEEN O.

Cybersecurity Professional | Penetration Tester | Red Team Specialist

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PROFESSIONAL SUMMARY

Cybersecurity professional with 3+ years of hands-on experience in penetration testing, vulnerability assessment, red team simulation, and security training across web, network, and infrastructure environments. Progressed from Intern to Senior Cybersecurity Assistant at the Africa Cybersecurity Consortium (ACC), delivering OWASP Top 10-aligned assessments, Python-based risk and forensic analysis, and clear remediation reports. Trained 250+ students, led a team of 5 instructors, built hands-on cybersecurity training programs and labs, and currently provides security configuration and awareness support to the Nigeria Customs Service.

CORE COMPETENCIES

- Penetration Testing
- Red Team & Adversary Simulation
- Vulnerability Management
- Risk Assessment & Reporting
- Secure Code Review
- MITRE ATT&CK & OWASP Top 10
- Active Directory Security
- Security Configuration
- Python & Bash Security Automation
- Forensic Analysis
- Threat Modeling
- Security Awareness Training

PROFESSIONAL EXPERIENCE

Corps Member (NYSC) – Office of Revenue

Jun 2026 – Present

Nigeria Customs Service, Federal Operations Unit Zone 'C' • Owerri, Imo State

- Apply security configurations to unit systems and devices to strengthen their security baseline.
- Deliver cybersecurity awareness sessions that help officers recognize threats and adopt safe digital practices.
- Support the Office of Revenue during the National Youth Service Corps (NYSC) year of service.

Africa Cybersecurity Consortium (ACC) Jan 2024 – Feb 2025

Cybersecurity internship progressing to Senior Cybersecurity Assistant

Senior Cybersecurity Assistant *(promoted from Junior)* **Jul 2024 – Feb 2025**

- Performed web application and web server vulnerability assessment and penetration testing (VAPT), documenting critical findings mapped to the OWASP Top 10.
- Built Python tooling for risk assessment and forensic analysis.
- Contributed to securing ACC's Automated Cyber Resilience platform.
- Delivered actionable remediation reports that strengthened client and organizational security posture.
- Supported senior engineers on penetration tests and helped design secure coding guidelines and remediation strategies for client applications, using Burp Suite, Nmap, Wireshark, and Metasploit.

Cybersecurity Intern **Jan 2024 – Jul 2024**

- Ranked No. 1 intern and recognized by the CEO for outstanding technical performance.
- Conducted penetration tests and vulnerability assessments on internal systems.
- Built enumeration scripts and helped develop training labs for interns and staff.
- Delivered secure coding workshops and contributed to remediation strategies.

Instructor, Ethical Hacking & Penetration Testing

Mar 2023 – Nov 2024

Voks Institute

- Taught Ethical Hacking, Web Security, and Penetration Testing courses.
- Designed and delivered practical labs on OWASP Top 10 vulnerabilities, enumeration, and exploit development.

- Guided students through real-world attack simulations and secure coding practices.

TECHNICAL SKILLS

Offensive Security	Burp Suite, Metasploit, SQLMap, OWASP ZAP, Hydra, Gobuster, Nikto, exploit development
Analysis & Scanning	Nessus, OpenVAS, Nmap, Wireshark
Programming & Scripting	Python, Bash, PowerShell, JavaScript, HTML, CSS
Platforms & Infrastructure	Linux, Windows, Active Directory, Docker, VirtualBox, Git, REST APIs
Frameworks & Practices	OWASP Top 10, MITRE ATT&CK, threat modeling, secure code review, vulnerability management

PROJECTS

- **Remote Windows Security Monitoring System** – final-year project on remotely monitoring Windows systems for security events.
- **Command-and-Control (C2) Server & Client** – custom C2 framework built for adversary-simulation practice.
- **OWASP Capture-the-Flag (CTF) Labs** – custom challenges integrated into institutional training programs.
- **CybExplore Training Platform** – web platform and role-based programs (SOC Analyst, Web Application Security, Network Security, Security Tools Development) preparing IT professionals for their first cybersecurity role.
- **Pulse** – deliberately vulnerable Flask application built for a live hands-on security event.
- **Customized Ubuntu Server Deployment** – virtualized server build and configuration.
- **Enumeration Tools** – custom scripts for reconnaissance and enumeration.

EDUCATION

B.Tech in Cybersecurity Sept 2025

Federal University of Technology, Akure (FUTA) • Second Class Honours (Upper Division)

TEACHING & TECHNICAL LEADERSHIP

- Led and supervised a team of 5 technical instructors during departmental training programs.
- Served as Lead Instructor for Ethical Hacking (500-level), guiding students through penetration testing methodologies.
- Delivered hands-on practicals for SIWES (400-level) students, supporting the Head of Department in laboratory coursework.
- Trained 250+ undergraduate, postgraduate, and master's students using attack simulations and secure coding techniques.

CERTIFICATIONS & MEMBERSHIPS

CERTIFICATIONS

- Certified Secure Computer User (CSCU) – EC-Council
- Offensive Hacking Unfolded – ComproAvi School
- Certificate of Graduation in Python – David Bombal

PROFESSIONAL MEMBERSHIPS

- Cyber Security Experts Association of Nigeria (CSEAN)
- OWASP (Open Web Application Security Project)
- Computer Professionals of Nigeria (GMCPN)