# RIDWAN ADEBAYO

Cybersecurity Adviser | Penetration Tester | Vulnerability Researcher

adebayoridwan57@gmail.com | linkedin.com/in/ridwangold | Bugcrowd & YesWeHack Researcher (35+ accepted reports)

## PROFESSIONAL SUMMARY

Cybersecurity adviser and penetration tester with 7+ years of hands-on experience in offensive security, vulnerability research, and security programme advisory. Proven track record of identifying critical vulnerabilities across web applications, cloud infrastructure, and enterprise networks through black-box and white-box engagements. Trusted by organisations to assess security posture, advise on remediation strategy, and build resilient security frameworks. Experienced in CVE analysis, detection engineering, and translating complex technical risk into executive-level recommendations. Backed by deep cloud and DevOps fluency (AWS, GCP, Azure, DigitalOcean) that grounds advisory work in how modern infrastructure is actually built and attacked.

## CORE COMPETENCIES

Penetration Testing (Web, Mobile, Network, Cloud) | Vulnerability Assessment & Management | Security Programme Advisory | Threat Intelligence & OSINT | Incident Response & Forensics | Detection Engineering | CVE Analysis & Exploitation | OWASP Top 10 | Security Architecture Review | Risk Assessment & Remediation Strategy | Cloud Security (AWS, GCP, Azure) | Security Automation & Tooling

## BUG BOUNTY & INDEPENDENT VULNERABILITY RESEARCH

- 35+ accepted vulnerability reports across Bugcrowd (15) and YesWeHack (20), responsibly disclosed to programme owners on live, production, internet-facing targets.
- Vulnerability classes identified include IDOR, XSS (reflected/stored), SQL injection, authentication and access-control bypass, and business-logic flaws, mapped against OWASP Top 10.
- Consistent track record of independently discovering, reproducing, and documenting exploitable issues with proof-of-concept steps and remediation guidance for triage teams.
- Applied external reconnaissance and technology fingerprinting to identify attack surface prior to testing, the same methodology used for CVE-driven detection signature research.

## PROFESSIONAL EXPERIENCE

### Cybersecurity Adviser & Penetration Tester

*Nigeria Police Force, National Cyber Crime Center* | Abuja, Nigeria (Onsite) | July 2025 – Present

- Advise on vulnerability management strategy and security hardening across internal and external-facing government systems.
- Lead penetration testing engagements on web applications, network infrastructure, and cloud-hosted services, delivering prioritised remediation roadmaps.
- Conduct threat intelligence gathering and OSINT operations to identify emerging risks, exposed assets, and indicators of compromise.
- Support incident response operations, performing security log analysis and correlating findings with known vulnerability and attack patterns.
- Provide advisory briefings to senior leadership, translating technical risk into actionable policy and investment recommendations.

### Cybersecurity Adviser & Freelance Penetration Tester

*Independent Practice* | Remote | Jan 2019 – Present (7 years)

- Advise organisations on security posture, risk exposure, and remediation priorities following penetration testing engagements.
- Perform black-box and white-box penetration testing on web and mobile applications, using external reconnaissance and technology fingerprinting to map attack surface.
- Identify and validate critical vulnerabilities (IDOR, XSS, SQLi, access-control bypass) against production targets, producing remediation reports aligned with OWASP Top 10.
- Assess AWS and multi-cloud deployments, reviewing IAM configurations, firewall rules, storage permissions, and network segmentation for misconfigurations and exposure risk.

- Design and execute social engineering and phishing simulations to evaluate client readiness against real-world attack scenarios.
- Deliver post-engagement advisory briefings, translating technical findings into prioritised, business-aligned security recommendations.

**Security-Focused Python Developer**
*Hacktegic Technologies S.R.L.* | Moldova (Remote) | Oct 2023 – Present

- Build secure asynchronous microservices using Python asyncio and the NATS message bus, applying secure coding practices throughout.
- Develop Python automation for RESTful APIs with CI/CD integration, deploying hardened services on DigitalOcean and AWS.
- Build automated security testing pipelines using GitHub Actions to catch regressions and vulnerabilities before deployment.
- Integrate logging and monitoring to support forensic analysis and incident response, improving traceability of security-relevant events.

## EDUCATION

**BTech, Cyber Security Science**
Federal University of Technology, Minna, Niger State | 2021 – 2026 (part-time, concurrent with professional roles)

## CERTIFICATIONS

- eCPPT (eLearnSecurity Certified Professional Penetration Tester), INE, 2023
- eWPT (eLearnSecurity Web Application Penetration Tester), INE, 2023
- eJPT (eLearnSecurity Junior Penetration Tester), INE
- Certified Network Security Practitioner (CNSP), SecOps Group
- Associate Cloud Engineer, Google Cloud, 2024
- Penetration Testing, Incident Response & Forensics, Coursera
- Continuous Security Testing Bootcamp, Virtually Testing Foundation

## TECHNICAL SKILLS

**Penetration Testing & Research:** CVE analysis, OWASP Top 10, technology fingerprinting, vulnerability scanning, HTTP/HTTPS, DNS, TLS/SSL, Nmap, Burp Suite, OWASP ZAP, Shodan, Nikto, Wireshark, Nessus, SQLMap

**Offensive & Forensic Tooling:** Metasploit, Hydra, John the Ripper, Aircrack-ng, Empire, PowerSploit, Hashcat, Autopsy, Volatility, Sleuth Kit, tcpdump, Ettercap, Kismet

**Programming & Automation:** Python, Bash, YAML, PowerShell, JavaScript, PHP, GitHub Actions, RESTful & GraphQL APIs

**Cloud & Infrastructure:** AWS (S3, EC2, CloudFront, Lightsail), GCP, Azure, DigitalOcean, Kubernetes, Docker, Active Directory, Sentinel

**Platforms & OS:** Linux (Kali, Ubuntu), Windows, GitHub, GitLab

## LEADERSHIP & COMMUNITY

**Director of Software & Research**
*National Association of Cyber Security Science* | Minna, Nigeria | Oct 2024 – Nov 2025

**Guest Speaker**
*National Association of Cyber Security Science* | Minna, Nigeria | Aug 2023 – Present