


Isaac Emmanuel

Security Engineer / Penetration Tester

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Professional Summary

Security Engineer with **8+ years in offensive security** delivering 120+ freelance projects in penetration testing, bug bounty programs, and vulnerability assessments. Skilled in **Web App Security, Blockchain Security, Network Analysis, and Exploit Development**. Contributor to open-source cybersecurity tools and databases.

Core Skills

Penetration Testing: Web, APIs, Blockchain, Cloud
Tools: Burp Suite, Wireshark, Metasploit, Kali Linux
Security Audits: Smart Contracts, Infrastructure, SaaS
Custom Exploit Development: C, Python, Rust
Incident Response & Risk Mitigation

Key Experience

Founder & Security Researcher – *Nsisong Labs* (2016 – Present)

- Delivered 50+ penetration tests for SMEs and blockchain startups
- Built custom exploit tools and automated vulnerability scanners
- Conducted smart contract security audits
- Developed "Bad Actors Database" for tracking African cyber threats

Junior Implementation Specialist – *ESET Internet Security (SSI)* (2018)

- Conducted IT audits for tertiary institutions under Secure School Initiative
- Deployed lightweight cybersecurity solutions

IT Administrator – *RCCG* (2012 – 2018)

- Implemented security measures for CRM and data infrastructure
 - Managed IT systems with security focus
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Selected Projects

Encrypted P2P Messaging Protocol (*GitHub*)
CLI Domain Verifier (*GitHub*)
Offensive Security Payloads Collection (*GitHub*)
Smart Contract Vulnerability Scanner (*GitHub*)

Education

B.Sc. Mathematics & Computer Science – *NOUN* (2022)

B.Agric. Pasture & Range Management – *FUNAAB* (2017)

Achievements

- 120+ successful freelance security projects delivered
- Built open-source security tools and utilities
- Active contributor to cybersecurity communities
- Published 300+ algorithmic solutions (relevant for exploit development)