

OLAYINKA SAMUEL OJO

Software Engineer | Secure Systems | Full-Stack Development
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PROFESSIONAL SUMMARY

Software Engineer with 15+ years of experience designing and delivering secure, scalable applications across web, systems, and enterprise environments. Proficient in Go (Golang), JavaScript, Python, and modern full-stack frameworks, with a deep security-first mindset rooted in hands-on penetration testing, SIEM-based threat detection, and secure SDLC practices. Experienced building authentication systems, CI/CD pipelines, and cloud-ready platforms — and in translating complex security requirements into clean, maintainable code. Passionate about building products that are fast, reliable, and hard to break.

TECHNICAL SKILLS

Languages: Go (Golang), JavaScript (ES6+), Python, HTML5, CSS3

Secure Development: Threat modeling, OWASP Top 10 mitigation, RBAC & permission systems, secure authentication (JWT, OAuth2, session management), input validation & sanitisation, secrets management

Security Tooling: Burp Suite, Metasploit, Nmap, Wireshark, Nessus, Kali Linux, Hydra, John the Ripper, Splunk (SIEM), HackTheBox, TryHackMe

Frontend & Backend: React, Node.js, REST APIs, WordPress, Adobe Creative Suite

DevOps & Tooling: CI/CD pipelines, Git, Docker (basics), Linux server administration, Monday.com, Asana, Jira, Trello

Cloud & Data: Cloud-based platform architecture, data visualisation, AI/ML integration (3MTT programme)

PROFESSIONAL EXPERIENCE

Software Engineer & Security Analyst

2023 – 2025

Lit Creative Designs Ltd

- Designed and shipped full-stack web applications for 30+ client accounts, engineering custom authentication modules with real-time, fine-grained permission controls — reducing unauthorised access vectors across all deployed platforms.
- Built automated CI/CD deployment pipelines that cut release cycle times significantly while enforcing code quality gates and maintaining stability across concurrent client projects.
- Implemented Splunk-based log analysis and continuous SIEM monitoring across client platforms over 18 months, identifying and neutralising threats before escalation and optimising system uptime.
- Reduced critical incident response times by 35% through proactive monitoring, structured alerting, and documented runbooks applied across the client portfolio.
- Streamlined secure digital workflows for diverse corporate clients, improving both security posture and operational efficiency through automation and access control hardening.

IT Systems Engineer & Incident Responder

2022 – 2023

JOPAG Logistics Ltd

- Architected and deployed secure IT infrastructure reducing system downtime by 40%, applying network segmentation, hardened configurations, and role-based access policies.
- Engineered logistics management software that increased delivery efficiency by 35%, integrating secure data exchange between field systems and backend platforms.
- Led enterprise-wide threat detection using SIEM platforms over a 4-year engagement, achieving a 55% year-over-year reduction in undetected security events and full compliance with regulatory KPI thresholds.
- Coordinated incident response operations across enterprise systems, reducing average threat resolution time by 60% and containing 100% of Priority-1 incidents within SLA targets.

PROJECTS

Visual Threat Intelligence Hub (In Development)

- Designing and building a cloud-native platform that helps African SMEs visualise and understand real-time cyber threats through interactive dashboards and AI-powered plain-language summaries — making security intelligence accessible to non-technical stakeholders.
- Developing the backend in Go for high-concurrency threat data ingestion, paired with a React frontend featuring live data visualisations.
- Leveraging skills in threat modelling, data visualisation, and AI integration acquired through the Federal Government's 3MTT programme.

ComplyNG — Regulatory Compliance Game

- Built a full-stack HTML5 Canvas browser game using React/Vite that teaches Nigerian compliance law across multiple career paths, featuring avatar progression and scenario-based learning — delivered as a production-ready submission for the Microsoft AI Skills Week 2026 RegTech Hackathon, Abuja.

Secure RBAC Capstone & Penetration Testing

- Designed and implemented a secure Role-Based Access Control system across Linux and Windows server environments, covering policy design, access enforcement, and audit logging.
- Completed multiple Capture The Flag challenges on HackTheBox and TryHackMe with an 85%+ success rate, applying tools including Burp Suite, Metasploit, Wireshark, Nmap, Hydra, and John the Ripper.
- Delivered security awareness training that reduced phishing susceptibility by 45% across client teams.

EDUCATION

B.Sc. Information Technology

National Open University of Nigeria

2026

Certificate in Desktop Publishing

Olabisi Onabanjo University

CERTIFICATIONS

- ISC2 Certified in Cybersecurity (CC) (2025)
- Africa Centre for Leadership, Strategy & Development — Leadership School (2025)
- You thrive Cybersecurity Certification (2024)
- Career Essentials in Cybersecurity — Microsoft & LinkedIn Learning
- Career Essentials in Generative AI — Microsoft & LinkedIn Learning
- Introduction to Prompt Engineering for Generative AI