

RAJI OLATUBOSUN JOSHUA

Cloud Security & DevSecOps Engineer

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🌐 [LinkedIn Profile](#) | 🐙 [GitHub Profile](#) | 🌐 [Portfolio Link](#)

PROFESSIONAL SUMMARY

Emerging Cloud Security Engineer combining a strong Physics background with practical expertise in AWS, Python, and DevSecOps. Proven ability to build automated security governance tools (Lambda/Boto3) and secure backend systems (FastAPI/Docker). Passionate about "shifting security left" by automating infrastructure and compliance checks using Terraform and CI/CD pipelines.

TECHNICAL SKILLS

Cloud & DevOps: AWS (Lambda, S3, IAM, EC2), Docker, Docker Compose, Terraform (IaC), Linux Admin, CI/CD (GitHub Actions)
Backend Dev: Python (Advanced), FastAPI, PostgreSQL, REST API Design, SQLAlchemy, Git/Version Control
Security Ops: Vulnerability Management, IAM Policies, Automated Remediation, OWASP Top 10, SIEM Tools

TECHNICAL PROJECTS

AWS Auto-Remediation Bot

Python, Boto3, AWS Lambda, EventBridge

- Designed a serverless security system using AWS EventBridge and Lambda to detect insecure public S3 buckets in real-time.
- Automated immediate remediation (blocking public access) and SNS email alerting, reducing exposure time to under 2 seconds.
- Implemented Infrastructure as Code (Terraform) to deploy the entire surveillance stack reproducibly.

IAM Security Audit Tool

Python, Docker, AWS IAM

- Developed a Python script to audit AWS IAM users for security gaps like missing MFA, stale access keys, and permissive policies.
- Containerized the tool using Docker to ensure consistent execution across any operating system (Linux/Windows/Mac).
- Integrated the tool into a CI/CD workflow to run weekly compliance reports automatically.

Secure Microservices API

FastAPI, PostgreSQL, Docker Compose

- Built a RESTful Todo API using FastAPI and PostgreSQL with strict Pydantic data validation to prevent injection attacks.
- Orchestrated the application using Docker Compose for seamless networking between the API and Database services.
- Deployed to AWS EC2 with a focus on security groups and least-privilege network access.

PROFESSIONAL EXPERIENCE

Afritage Limited

IT Support & Security Operations

Lagos, Nigeria
Aug 2023 – Present

- Enforced Identity Access Management (IAM) policies by implementing Multi-Factor Authentication (MFA) across all user accounts, reducing credential theft risk.
- Hardened endpoint security by automating patch management and firewall configurations for office workstations.
- Reduced operational downtime by 20% through proactive hardware/software troubleshooting and network monitoring for 30+ employees.

EDUCATION

University of Lagos

Bachelor of Science in Physics and Education

Jan 2021 – Feb 2027 (Expected)
Lagos, Nigeria

- **Relevant Coursework:** Introductory Computer Science, Information Systems and Data Security, Electronics, Operating Systems.

CERTIFICATIONS

- **Google Cybersecurity Professional Certificate** – Coursera (Nov 2024)
- **AWS Cloud Practitioner (Foundational Knowledge)** – AWS (Nov 2025)