Oluwatosin Jegede

SENIOR DEVOPS ENGINEER | CLOUD ARCHITECT | AWS SPECIALIST

Email: careers.tosinjegede@gmail.com

Location: Chester, United Kingdom

LinkedIn linkedin.com/in/oluwatosinjegede/

Portfolio: https://oluwatossin.github.io

PROFESSIONAL SUMMARY

AWS-certified Senior DevOps Engineer with 5+ years of progressive experience automating, scaling, and securing cloud infrastructure across AWS and GCP. Expert in Terraform, Kubernetes, CI/CD automation, GitOps, and ML infrastructure delivery. Proven ability to cut cloud costs by 30%, accelerate deployments by 50%, and sustain 99.99% uptime in production. Adept at embedding security into pipelines, mentoring engineers, and delivering enterprise-grade solutions in fintech, healthcare, and nonprofit domains, with awareness of GDPR and PCI-DSS compliance requirements.

CORE COMPETENCIES

Cloud: AWS (EKS, ECS, SageMaker, Lambda, RDS, VPC), GCP | IaC: Terraform, CloudFormation | CI/CD & GitOps: GitHub Actions, Jenkins, Argo CD, Helm | Containers & Mesh: Kubernetes, Docker, Istio | Monitoring & Observability: Prometheus, Grafana, CloudWatch | Security & Compliance: IAM, KMS, CIS Benchmarks, PCI-DSS, GDPR, Cost Optimisation | Scripting: Python, Bash

---

PROFESSIONAL EXPERIENCE

Sovereign Technology & Innovation Limited — DevOps Engineer (Full-Time)
Aug 2024 – Jul 2025 | Remote (Hybrid)

- Architected high-availability AWS infrastructure across 50+ workloads, achieving 99.99% uptime while reducing OpEx by 20% (≈£7K/year on a ≈£35K budget).
- Automated multi-environment provisioning with Terraform/CloudFormation, cutting delivery lead time by 40%.
- Embedded CIS and PCI-DSS controls into CI/CD pipelines, improving audit readiness and governance.
- Integrated Prometheus and Grafana dashboards for proactive performance insight and SLO tracking.
- Connected CloudWatch metrics/alarms to incident workflows, reducing MTTD by 55% and MTTR to under 15 minutes.
- Led cross-functional collaboration between DevOps and application teams to standardise release workflows, improving delivery predictability by 30%.
- Mentored and upskilled junior engineers on AWS/Kubernetes best practices.

Afren (afren.ai) — DevOps Engineer (Remote, Part-Time Contract)
Dec 2022 – Jul 2024 | Remote

- Built ML platforms with Step Functions and Lambda, automating ingestion-to-inference pipelines and reducing manual operations by 60% across 10+ workflows.
- Partnered with data scientists to deploy and scale 10+ SageMaker models with encryption and IAM-controlled access.
- Standardised observability using CloudWatch Logs, SNS, and alarms, improving SLA adherence by 40%.
- Collaborated with PMs and engineers to align ML pipeline releases with sprint cycles, improving delivery velocity and predictability.
- Supported release management and incident response across multi-region ML workloads.
- Drove alignment between DevOps, data science, and product teams to meet compliance and business objectives while reducing release risk.

Freelance Cloud Architect — Independent Contractor (AWS/GCP)

May 2021 – Present | Global (Part-time from Dec 2022 – Jul 2024)

- Delivered cross-cloud failover (AWS/GCP) architectures maintaining 99.9% uptime for 5 fintech & healthcare clients.
- Implemented cost-optimisation frameworks (right-sizing, Savings Plans, VPC endpoints), saving £3K–£5K per month per client.
- Built CI/CD pipelines with canary releases and security scanning, increasing deployment speed by 50% and reducing rollbacks by 30%.
- Partnered with leadership to translate business goals into secure, compliant, and scalable cloud architectures.

SELECT PROJECTS

- **GenAI Fraud Detection Pipeline (AWS)** — Deployed SageMaker models behind Flask APIs, cutting fraud-detection latency from minutes to seconds.
- **FinBankOps (Fintech)** — Designed multi-region EKS GitOps platform with Istio and Prometheus, achieving PCI-DSS readiness.
- **Cloud Cost Governance** — Automated financial forecasting & cost reporting with Lambda and Cost Explorer APIs, driving 30% monthly savings.
- **ML Compliance Dashboard** — Delivered observability via Grafana/Prometheus/CloudWatch, reducing audit prep time by 70%.

CERTIFICATIONS

- AWS Certified DevOps Engineer – Professional (2025)
- AWS Certified Machine Learning Engineer – Associate (2025)
- AWS Certified Security – Specialty (2023)
- AWS Certified Developer – Associate (2023)
- AWS Certified Solutions Architect – Associate (2022, renewed 2024)
- Google Associate Cloud Engineer (2024)
- Kubernetes & Cloud Native Associate (2025)
- GitHub Advanced Security (2025)
- Additional Trainings: Cisco Ethical Hacker, Cisco CyberOps Associate

EDUCATION

M.Sc. Animal Biotechnology – Federal University of Agriculture, Abeokuta | B.Tech. Animal Production & Health – FUT Akure | Diploma, Computer Engineering – Datashield Institute

ADDITIONAL INFORMATION

- Availability: Immediate start
- Right to Work: Eligible to work in the UK without sponsorship
- References: Available upon request