

# Oluwatossin Jegede

CLOUD & DEVOPS PLATFORM ENGINEER | AWS · GCP · KUBERNETES ·  
TERRAFORM · SRE · DEVSECOPS · OBSERVABILITY

Email: careers.tosinjegede@gmail.com

LinkedIn [linkedin.com/in/oluwatossinjegede/](https://linkedin.com/in/oluwatossinjegede/)

Location: Chester, United Kingdom

Portfolio: <https://oluwatossin.github.io>

## PROFESSIONAL SUMMARY

Cloud and Platform Architect with a fusion of DevOps execution, SRE discipline, and DevSecOps rigor, delivering secure, scalable, and observable systems across AWS and GCP.

I design infrastructure that thinks — pipelines that self-govern, environments that heal, and platforms that turn velocity into reliability.

Over the last four years, I've led multi-cloud initiatives that:

- Achieved 99.95%+ uptime for production workloads across regulated fintech systems.
- Reduced operating costs by 30% through FinOps-driven right-sizing and architectural refactoring.
- Implemented full-stack observability frameworks and SRE standards that cut MTTR from 45 to under 15 minutes.
- Embedded compliance-as-code (PCI-DSS, GDPR, CIS) into Terraform pipelines and GitHub Actions workflows.

My goal: to engineer cloud systems where reliability is not a reaction, but a property of design.

## CORE COMPETENCIES

**Cloud:** AWS (EKS, ECS, SageMaker, Lambda, RDS, VPC), GCP | **IaC:** Terraform, CloudFormation | **CI/CD &**

**GitOps:** GitHub Actions, Jenkins, Argo CD, Helm | **Containers & Platform:** Kubernetes (EKS, Istio), Docker |

**Observability & SRE:** Prometheus, Grafana, CloudWatch, SLIs/SLOs, Incident Automation | **Security &**

**Compliance:** DevSecOps, IAM, KMS, PCI-DSS, GDPR, CIS Benchmarks, OPA/Checkov | **FinOps &**

**Governance:** Cost Explorer, Savings Plans, Right-Sizing, VPC Endpoints | Scripting: Python, Bash

## SELECTED EXPERIENCE & IMPACT

**Help.NGO (Humanitarian OpenStreetMap / TAK Project) | Cloud Advisor**

**Dec 2023 – Present (part-time advisory)**

- Advising on secure, compliant, and resilient AWS infrastructure supporting humanitarian mapping operations.
- Guided IaC standardization using Terraform and GitHub Actions.
- Assisted with observability baselines and GDPR-aligned data protection frameworks.
- Supported compliance documentation for humanitarian cloud deployments.

**Sovereign Technology & Innovation Limited — DevOps & Security Engineer (Full-Time)**

**Aug 2024 – Jul 2025**

- Architected and operated a production-grade financial platform on AWS designed for resilience, compliance, and automation at scale.
- Engineered multi-cluster EKS environments with Istio service mesh and auto-scaling policies sustaining 99.95% uptime.
- Built paved paths with Terraform and GitHub Actions, enabling one-click deployments across blue/green environments.
- Established SRE frameworks — SLIs, SLOs, and golden signals visualized in Grafana for error-budget tracking.
- Integrated policy-as-code and DevSecOps controls using Checkov and AWS Config to enforce PCI-DSS and CIS compliance.
- Delivered FinOps dashboards combining Cost Explorer APIs and Lambda analytics for proactive optimization.

**Afren.ai — DevOps Engineer (Full-Time, Remote)**

**Dec 2022 – Jul 2024**

- Developed a self-service MLOps platform that bridged DevOps automation with ML lifecycle governance.
- Automated ingestion-to-inference pipelines with SageMaker, Step Functions, and Lambda, cutting manual operations by 60%.
- Created Terraform-managed infrastructure for model versioning, access control, and encryption, ensuring GDPR compliance.

- Implemented observability pipelines with CloudWatch, Prometheus, and Grafana — improving SLA adherence by 40%.
- Embedded SRE practices (error budgets, synthetic monitoring) to reduce model drift and response latency.

## **Freelance Cloud Architect — Independent Contractor (AWS/GCP)**

**May 2021 – Present | Global (Contract engagements alongside full-time roles)**

- Delivered enterprise-grade cloud infrastructure across AWS and GCP for fintech and healthtech clients.
- Designed cross-cloud high-availability architectures achieving 99.9% uptime using load balancing and replication strategies.
- Built internal platform frameworks using Terraform and ArgoCD that reduced provisioning time by 60%.
- Implemented compliance-as-code pipelines that automated vulnerability scanning (Checkov, Snyk) and rollback validation.
- Introduced FinOps discipline that saved clients £3K–£5K monthly in cloud expenditure.

---

## **PORTFOLIO CASE STUDIES**

- **GenAI Fraud Detection Pipeline (AWS)** — Deployed SageMaker models behind Flask APIs, reducing fraud detection latency from minutes to seconds.
- **FinBankOps (Fintech)** — Built a multi-region EKS GitOps platform with Istio and Prometheus, achieving PCI-DSS readiness and 99.95% uptime.
- **Cloud Cost Governance** — Automated forecasting and spend analytics using AWS Lambda and Cost Explorer APIs, saving 30% monthly costs.
- **ML Compliance Dashboard** — Delivered unified observability with Grafana, Prometheus, and CloudWatch, reducing audit preparation 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
- References: Available upon request