Oluwatosin Jegede

DEVOPS & CLOUD ENGINEER | AWS SPECIALIST | INFRASTRUCTURE AUTOMATION

Email: careers.tosinjegede@gmail.com
Location: Chester, United Kingdom
LinkedIn linkedin.com/in/oluwatosinjegede/
Portfolio: https://oluwatossin.github.io

PROFESSIONAL SUMMARY

AWS-certified DevOps & Cloud Engineer with 4+ years of experience automating, securing, and scaling infrastructure across AWS and GCP. Skilled in Terraform, Kubernetes, and CI/CD automation with GitHub Actions and ArgoCD, with proven success in driving 30% cloud cost savings, 40% faster delivery cycles, and 99.99% uptime. Experienced in embedding PCI-DSS, GDPR, and CIS controls into pipelines, building observability with Prometheus/Grafana, and mentoring engineers.

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 & Security Engineer (Full-Time)
Aug 2024 – Jul 2025

- Designed and managed high-availability AWS infrastructure across 50+ production workloads, sustaining 99.99% uptime and cutting OpEx by 20% (£7K annual savings).
- Automated provisioning across multiple environments with Terraform and CloudFormation, reducing delivery lead time by 40%.
- Embedded CIS and PCI-DSS controls into CI/CD pipelines, improving regulatory readiness and audit outcomes.
- Integrated observability with Prometheus/Grafana and CloudWatch alarms, cutting MTTR to under 15 minutes.
- Partnered with developers and product teams to standardise release workflows, improving predictability by 30%.
- Mentored junior engineers on Kubernetes and AWS best practices, establishing consistent engineering standards.

Afren.ai — DevOps Engineer (Full-Time, Remote)
Dec 2022 – Jul 2024

- Built ML-driven infrastructure on AWS using Step Functions, Lambda, and SageMaker, automating ingestion-to-inference pipelines and reducing manual operations by 60%.
- Partnered with data scientists to deploy and scale 10+ SageMaker models with encryption and IAM-controlled access.
- Standardised observability with CloudWatch, SNS, and alarms, improving SLA adherence by 40%.
- Aligned ML pipeline releases with agile sprints, reducing release risk and improving velocity across teams.
- Supported incident response and release management across multi-region workloads, strengthening resilience.

Freelance Cloud Architect — Independent Contractor (AWS/GCP)
May 2021 – Present | Global (Contract engagements alongside full-time roles)

- Delivered cross-cloud failover (AWS/GCP) architectures maintaining 99.9% uptime for fintech and healthcare clients.
- Implemented cost-optimisation frameworks (right-sizing, Savings Plans, VPC endpoints), saving clients £3K–£5K monthly.
- Built secure CI/CD pipelines with canary releases and security scanning, reducing rollbacks by 30%.
- Advised leadership on designing scalable architectures, ensuring GDPR and PCI-DSS compliance.

PORTFOLIO CASE STUDIES

- **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

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EDUCATION

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

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ADDITIONAL INFORMATION

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