

# ONAWOLE ABAYOMI ROBERT

DEVOPS ENGINEER | CLOUD ENGINEER | SRE | CLOUD ARCHITECT

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

## PROFESSIONAL SUMMARY

Multicloud DevOps Engineer with 3+ years of experience architecting secure, resilient, and scalable cloud-native infrastructure solutions for fast-growing organizations across finance, healthcare, and nonprofit sectors. Expertise spans AWS, GCP, Terraform, Kubernetes, GitHub Actions, and modern DevSecOps practices. Adept at leading infrastructure automation initiatives, optimizing cloud costs, enforcing governance standards, and enhancing system observability. Passionate about driving operational excellence, fostering cross-functional collaboration, and delivering measurable business outcomes through cloud engineering excellence.

## TECHNICAL SKILLS

- Cloud Platforms: AWS (EC2, S3, RDS, IAM, CloudFormation), Azure (Virtual machines, Blob Storage)
- Infrastructure as Code (IaC): Terraform, AWS CloudFormation, Ansible
- DevOps & CI/CD: GitHub Actions, Jenkins, AWS CodePipeline, CodeBuild, CodeDeploy
- Containerization & Orchestration: Kubernetes (EKS, GKE), Docker
- Security & Compliance: IAM, MFA, data encryption, GDPR compliance, security audits
- Monitoring & Observability: Prometheus, Grafana, AWS CloudWatch, centralized logging
- Scripting & Automation: Python, Bash, PowerShell
- Networking: VPC architecture, VPN setup, hybrid cloud, NAT gateways, load balancing
- Optimization: AWS Cost Explorer, reserved instance planning, usage auditing

## PROFESSIONAL EXPERIENCE

### HNG TECH

#### DevOps Engineer (Remote) | Dec 2024 – Present

- Automated infrastructure provisioning for multi-region AWS deployments using modularized Terraform codebases, achieving a 35% faster deployment cycle and consistent configuration integrity.
- Designed secure VPC architectures with IAM hardening, encrypted endpoints, and private subnets, leading to 100% compliance with internal cybersecurity audits.
- Spearheaded a cloud cost optimization program through proactive tagging policies, reserved instance purchasing, and anomaly detection via CloudWatch, realizing a 25% reduction in operational cloud spend.
- Implemented centralized logging, custom metric alarms, and alerting pipelines with CloudWatch Logs and SNS, improving incident response times by 40%.

#### Freelance Cloud Architect | Contract Roles | May 2023 – Present

- Engineered cross-cloud failover and disaster recovery solutions across AWS and GCP, ensuring continuous operations during planned maintenance and unexpected outages, maintaining 99.99% SLA adherence.
- Developed and deployed scalable machine learning inference pipelines leveraging SageMaker, CloudFormation, and GitHub Actions, enabling real-time autoscaling based on dynamic workload demand.
- Built production-grade CI/CD pipelines incorporating canary deployments, caching strategies, and security scanning (CodeQL), resulting in a 50% increase in deployment velocity and a 30% reduction in rollback incidents.
- Conducted proactive infrastructure audits using Prometheus and Grafana, identifying idle resources and right-sizing opportunities that led to monthly cloud savings of up to 30%.

## NOTABLE PROJECTS

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### Hybrid Cloud ERP Migration Project

- Designed and implemented a hybrid architecture bridging AWS and on-premise ERP systems via VPN tunneling and IAM federated access.
- Achieved 30% faster system cutover and zero downtime during phased migrations across multiple business units.

### Multi-Cloud Observability Platform

- Deployed Prometheus and Grafana clusters across AWS and GCP to unify infrastructure monitoring, alerting, and incident diagnostics.
- Reduced incident Mean Time to Resolve (MTTR) by 50% and significantly improved SLA compliance for distributed engineering teams.

### Cloud Cost Governance Automation

- Built and enforced a tagging policy framework, budget alarms, and automated reports for cloud usage analytics across compute, storage, and database services.
- Drove monthly cloud cost savings of 20–30% without compromising performance or resilience.

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## CERTIFICATIONS

- AWS Certified DevOps Engineer – Professional (In-View)
- HashiCorp Certified Terraform – Associate (In-View)
- AWS Certified Solutions Architect – Associate (2025)
- AWS Cloud Practitioner – Foundational (2025)
- Fortinet Cyber Security – Fundamental (2024)
- ALX- Africa Professional – Fundamental (2024)

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## EDUCATION

- ALX- Africa Software Engineering Program (Online) - Backend Specialization (2024)
- B.Eng. Electrical and Electronic Engineering, Federal University of Technology, Akure (2023)