

Adedoyin Ekong

DevOps Engineer | Site Reliability Engineer | Cloud Engineer

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Professional Summary

Site Reliability and DevOps Engineer with 5+ years of experience architecting scalable, secure, and automated cloud infrastructures using AWS, Kubernetes, and Terraform. Proven track record of owning end-to-end platform reliability in high-uptime environments. Currently leading DevOps/SRE strategy at Elevate Apps with a strong focus on observability, IaC, and CI/CD. Passionate about mentoring, automation, and building reliable systems that scale.

Relevant Experience

Lead DevOps & Site Reliability Engineer

Elevate Apps (Remote, Nigeria) | March 2024 – Present

- Lead SRE/DevOps operations across infrastructure, security, and observability
- Automated CI/CD workflows with GitHub Actions and FluxCD, including security tooling (SonarQube, OWASP ZAP)
- Deployed and managed production-grade Kubernetes (EKS) clusters with HA configuration and auto-scaling
- Designed modular infrastructure with Terraform, reducing setup time by 30% and improving repeatability
- Integrated observability stack (Prometheus, Grafana, ELK), decreasing MTTR by 40%
- Architected systems to handle traffic spikes and rapid feature rollouts in a high-growth startup environment

DevOps Engineer

Darey.IO (Remote, UK) | Jan 2022 – Feb 2023

- Built fault-tolerant AWS infrastructure using Terraform; reduced cloud costs by 25%
- Developed scalable CI/CD pipelines using Jenkins and ArgoCD
- Led security audits and integrated threat mitigation with OWASP ZAP
- Managed PostgreSQL and MongoDB deployments for reliability and performance

DevOps Technical Lead

The Coding Mum (Remote, Nigeria) | Jul 2019 – Nov 2021

- Mentored 5+ engineers, implemented CI/CD automation with Kubernetes, Jenkins, and Terraform on AWS
- Built Python-based Lambda automation for system integrations and task automation

Selected Personal Projects (for Demonstration & Technical Validation)

Independently built and published to showcase architectural depth, automation practices, and production-readiness across modern DevOps/SRE tools and platforms.

Ecommerce Microservices Platform on AWS EKS (GitOps with ArgoCD)

- Designed and deployed a microservices architecture simulating production-grade e-commerce workloads.
 - Used AWS EKS with Kubernetes, ArgoCD for GitOps, and GitHub Actions for CI/CD automation.
 - Implemented full observability with the EFK (Elasticsearch, Fluentd, Kibana) Stack and 99.9% uptime configuration.
 - Demonstrates infrastructure scalability, monitoring integration, and service orchestration.
 - [GitHub Repository](#)
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Scalable WordPress Infrastructure – AWS + Terraform

- Built a modular, highly available WordPress hosting environment using AWS (EC2, RDS, ALB) and Terraform.
 - Emphasized Infrastructure as Code (IaC), reusability, and automated provisioning.
 - Published supporting documentation and a recorded walkthrough for technical validation and clarity.
 - [GitHub Repository](#)
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Core Tools & Skills

- **Cloud & Infra:** AWS, Terraform, Kubernetes (EKS), Docker, Helm
 - **CI/CD:** GitHub Actions, Jenkins, ArgoCD, FluxCD
 - **Monitoring:** Prometheus, Grafana, ELK Stack, CloudWatch
 - **Security:** IAM, OWASP ZAP, SonarQube, SSL/TLS
 - **Databases:** PostgreSQL (incl. HA deployments), MySQL, MongoDB
 - **Languages:** Python, Bash
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Education

- Postgraduate Diploma in Information and Communication Technology (In View)
National Open University of Nigeria
 - Higher National Diploma, Marketing – Ogun State Polytechnic, Nigeria (1997 – 2001)
 - Certificate, Oracle Database Administration – Learning Tree International, London
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Certifications

AWS Cloud Practitioner | CKA (in prep) | Docker Associate (in prep)
Terraform (Coursera) | DevOps, DataOps & MLOps (Duke University)
Project Management (PMGI)