

ASALU OLUWATUNMISE

OLUWATOFUNMI

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SUMMARY

Cloud & DevOps Engineer with hands-on experience supporting cloud infrastructure, application deployments, Kubernetes environments, CI/CD workflows, and infrastructure troubleshooting. Experienced with AWS, Kubernetes, RKE2, Terraform, Docker, GitHub Actions, Linux, Helm, Prometheus, and Grafana. Currently supporting enterprise application environments, troubleshooting deployment, networking, DNS, SSL/TLS, database, and infrastructure issues. AWS Certified Solutions Architect and AWS Community Builder with a strong focus on cloud infrastructure, automation, container orchestration, reliability, and continuous improvement.

TECHNICAL SKILLS

Cloud: AWS, EC2, EKS, VPC, IAM, ALB, S3, RDS, CloudWatch, Route 53, CloudFront, WAF, KMS

Infrastructure as Code: Terraform

Containers & Orchestration: Docker, Kubernetes, RKE2, Helm, eksctl

CI/CD: GitHub Actions, CI/CD Pipelines, Deployment Automation

Monitoring & Observability: Prometheus, Grafana, Amazon CloudWatch

Operating Systems & Web: Linux, RHEL, Nginx

Scripting: Bash, Python

Networking & Security: VPC, Public/Private Subnets, NAT Gateway, Security Groups, IAM, TLS/SSL, DNS, Least-Privilege Access

Version Control: Git, GitHub

Core Concepts: Infrastructure as Code (IaC), Cloud Computing, High Availability, Scalability, Incident Troubleshooting, Monitoring, Security Best Practices

Junior DevOps Engineer — Bluechip Technologies

PROFESSIONAL EXPERIENCE

July 2026 – Present | Lagos, Nigeria

- Support cloud and application infrastructure across development, staging, and production environments, troubleshooting deployment, connectivity, DNS, SSL/TLS, database, and configuration issues.
- Support CI/CD workflows using GitHub Actions, including troubleshooting self-hosted runner registration and deployment pipeline issues.
- Support Kubernetes and RKE2 environments, including cluster configuration, application deployment, storage configuration, and troubleshooting.
- Configured and documented multi-node RKE2 environments, including controller/worker nodes and Kubernetes StorageClass configuration.
- Investigate infrastructure and application incidents using Linux commands, service logs, configuration files, connectivity tests, and system status checks to identify root causes.
- Support AWS infrastructure and application environments involving compute, networking, storage, monitoring, access management, and application delivery.
- Troubleshoot enterprise application issues involving DNS resolution, SSL/TLS configuration, database schemas, application connectivity, and deployment configuration.
- Collaborate with senior engineers, application teams, and clients during deployments, infrastructure changes, testing, and incident resolution.
- Produce technical documentation covering deployment procedures, infrastructure configurations, troubleshooting steps, and operational recommendations.
- Contribute to infrastructure and platform initiatives involving Kubernetes, cloud environments, application deployment, and operational reliability.

CLOUD & DEVOPS PROJECTS

Amazon EKS Production Simulation (AWS EKS | Kubernetes | Prometheus | Grafana | Helm)

- Deployed a containerized application on Amazon EKS using Kubernetes, Helm, and eksctl, simulating a production-style cloud environment.
- Implemented Horizontal Pod Autoscaling (HPA), resource limits, readiness probes, liveness probes, and security controls to improve reliability and resilience.
- Built an observability stack using Prometheus and Grafana for real-time monitoring of cluster health, application performance, and resource utilization.
- Conducted load testing with 100 concurrent users, achieving over 99.9% request success rates while identifying infrastructure bottlenecks through performance analysis.
- Diagnosed and resolved deployment incidents including container runtime compatibility issues, Kubernetes CrashLoopBackOff failures, and Prometheus installation bottlenecks.

- Documented architecture decisions, root-cause analyses, incident reports, and recommendations for production-scale improvements including ALB, CloudFront, GitOps, and multi-region deployment.
- Managed Kubernetes application deployments using Helm charts to simplify configuration and release management.

Multi-Tier Cloud Infrastructure Deployment (AWS + Terraform)

- Designed and deployed a production-style multi-tier AWS architecture (VPC, ALB, EC2, RDS) using Terraform.
- Contributed to infrastructure provisioning workflows using Terraform, gaining hands-on experience deploying and managing AWS resources through Infrastructure as Code.
- Configured VPC networking, public/private subnets, NAT Gateway, Application Load Balancer, and EC2 instances.
- Implemented IAM roles and security controls aligned with least-privilege principles.
- Monitored infrastructure performance using CloudWatch.

Serverless Sentiment Analysis Platform

AWS | Terraform | S3 | IAM | KMS | CloudWatch

- Built a serverless AWS data-processing architecture using Terraform for automated infrastructure provisioning.
- Designed an S3-based workflow supporting raw, processed, and curated data stages.
- Implemented IAM permissions and KMS encryption controls for secure access and data protection.
- Applied AWS security practices including least-privilege permissions and private connectivity considerations.
- Documented architecture, security controls, infrastructure decisions, and deployment considerations.

AWS Website & CI/CD Deployment

S3 | CloudFront | Route 53 | ACM | EC2 | Nginx | GitHub Actions

- Deployed a production-style website using Amazon S3, CloudFront, Route 53, and AWS Certificate Manager.
- Configured DNS routing and HTTPS to provide secure and reliable access to the application.
- Implemented a GitHub Actions deployment workflow for automated application delivery.
- Configured an EC2/Nginx environment and applied Linux, DNS, networking, and SSL/TLS troubleshooting practices.

EDUCATION & CERTIFICATIONS

EDUCATION

- **B.Sc (Ed) Mathematics and Education**, University of Lagos – 2024

CERTIFICATIONS & AFFILIATIONS

- AWS Certified Solutions Architect – Associate (2025)
- AWS Certified Cloud Practitioner
- Kubernetes and Cloud Native Associate (KCNA) — 2026
- AWS Community Builder (2026)