AFEEZ MUSA

DevOps Engineer

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Professional Summary

DevOps Engineer with 3 years of experience building and operating cloud-native infrastructure across AWS and Kubernetes environments. Skilled in CI/CD automation, observability, and incident response, with hands-on experience using Terraform, GitHub Actions, Datadog, and Prometheus to improve system reliability and deployment efficiency. Proven ability to streamline developer workflows, automate operational processes, and collaborate with engineering teams to deliver scalable and secure platforms. Passionate about owning infrastructure initiatives end-to-end and enabling faster, more reliable software delivery.

Professional Experience

FlexDelivery24, Nigeria. **(Nov 2025 – Present)**

DevOps Engineer

- Built and maintained CI/CD pipelines using GitHub Actions to build, lint, version, and deploy frontend applications to AWS across multiple environments, improving release consistency and reducing manual deployment effort.
- Managed production AWS infrastructure hosting frontend and backend services, ensuring high availability and reliable application performance.
- Supported backend Node.js services in production by debugging runtime and environment-specific issues, working closely with developers to resolve incidents quickly.
- Used SQL queries to investigate production issues, validate application data, and support debugging of service behaviour during incidents.
- Performed database administration tasks, including user management, role/privilege assignment, and schema cleanup to maintain secure and stable environments.
- Collaborated with backend engineers to troubleshoot database and application issues, including slow queries, connection failures, and misconfigurations.
- Managed PM2 process orchestration to enable zero-downtime deployments and improve service reliability.
- Built and owned a GitHub Actions pipeline for Android releases, automating the build, signing, and packaging of APK and AAB artifacts for a React Native application.

- Built and automated an iOS CI/CD pipeline using GitHub Actions, Fastlane and Match to generate signed builds and deploy to TestFlight, enabling consistent and repeatable release processes for the mobile team.
- Diagnosed and resolved complex CI failures caused by Gradle configuration issues, permission errors, and broken Node dependencies, significantly improving pipeline stability.
- Automated Android release workflows with a versioning strategy based on GitHub run numbers, removing manual steps and accelerating release cycles

WaveBudget LLC, Nigeria **(Jun 2023 – Jan 2026)**

DevOps Engineer

- Designed and managed scalable AWS infrastructure using EKS, API Gateway, Lambda, S3, CloudFront, and Route 53.
- Implemented secure backend traffic routing using API Gateway (HTTP API) with VPC Link, NLB, and AWS WAF.
- Built and maintained reusable Terraform modules as part of an Infrastructure as Code (IaC) approach for fully automated and consistent infrastructure deployments.
- Automated CI/CD pipelines using GitHub Actions and ArgoCD, enabling seamless GitOps-style deployments.
- Provisioned and managed Kubernetes workloads on AWS EKS with Helm charts and Git-based workflows.
- Secured infrastructure and workloads with IAM roles, RBAC policies, and AWS Secrets Manager.
- Monitored and optimised service performance to meet SLO targets for uptime and latency.
- Integrated Prometheus for real-time observability, performance monitoring, and logging.
- Automated access control and audit logging in EKS and databases using Teleport for secure remote access.
- Defined SLIs for key microservices and used Datadog/Prometheus to track error rates and request durations.
- Wrote Bash scripts to reduce repetitive tasks and optimise deployment and provisioning processes
- Collaborated using JIRA, Slack, and Linear to manage tasks and improve delivery across agile sprints.

Technical Skills

Cloud platforms:	AWS, Azure, GCP
Containers & Orchestration:	Docker, Kubernetes
CI/CD:	GitHub Actions, Jenkins, ArgoCD, Gitlab CI
Versioning Tools:	Git
IAC Tools:	Terraform
Security:	IAM, RBAC, Hashicorp Vault, AWS Secret Manager
Databases:	MySQL/MariaDB, Postgres (RDS)
Networking:	VPC, Load Balancing (NLB/ALB), DNS, HTTP/HTTPS
Operating Systems:	Linux, Windows Server, macOS
Configuration Management:	Ansible
Scripting:	Bash, PowerShell
Monitoring & Observability:	DataDog, ELK, Prometheus
Programming Languages:	Python, JavaScript
Other Tools:	Helm, NGINX
Practices:	CI/CD, GitOps, Infrastructure as Code, Incident Response

Certifications

- Microsoft Certified: Azure Fundamentals (AZ-900), June 2024
- JavaScript Algorithms and Data Structures by freeCodeCamp, November 2022.

Education

- **Federal University of Agriculture, Abeokuta** 2015 – 2021
  Economics (B.Sc.)
  Second Class Upper