

# ABDULMALIK IBIKUNLE

## DevOps Engineer

📍 Lagos, Nigeria

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## CAREER SUMMARY

DevOps Engineer with 3+ years of experience designing, securing, and operating scalable cloud-native infrastructure across AWS, GCP, and Azure. Specialized in Kubernetes platform engineering, Infrastructure-as-Code (Terraform, Ansible), and GitOps-driven CI/CD automation for production-grade systems. Recently expanded into AIOps and intelligent automation, integrating LLM-based tools (Ollama, ChatGPT, Claude) into DevOps workflows to improve incident response, accelerate log analysis, and enhance root cause detection. Strong focus on platform reliability, security hardening, and observability engineering (Prometheus, Grafana, Loki), with a track record of building resilient, high-availability systems and improving developer productivity through automation.

## SKILLS

**Cloud Platforms:** AWS, GCP, Azure

**Infrastructure as Code (IaC):** Terraform (Modular), Ansible

**GitOps & CI/CD:** ArgoCD (App-of-Apps, Application Sets), GitHub Actions, Jenkins, Bitbucket Pipelines.

**Containers & Orchestration:** Docker, Kubernetes, Helm (Custom Chart Development)

**Monitoring & Observability:** Grafana Alloy, OpenTelemetry (OTel), Prometheus, Loki, Tempo, Datadog, ELK Stack.

**Security & Compliance:** Fine-grained IAM Roles, Pod Security Standards (PSS), K8s Auditing, RBAC, Network Policies, Sealed Secrets, External Secret, HashiCorp Vault, Trivy (image scanning), OPA Gatekeeper, Kyverno.

**Networking & DNS:** VPC Design (Subnets, Route Tables, NAT Gateways), Security Groups (Ingress/Egress control), Route 53, Cloudflare, GoDaddy, External-DNS automation.

**AIOps & Intelligent Automation:** Ollama (Local LLMs), ChatGPT, Claude, Prompt Engineering, AI-assisted debugging, log analysis automation, incident summarization, runbook automation.

**Scripting & Tooling:** Bash, Python (automation tasks), Linux CLI, VS Code, Postman, curl, yq, jq.

## EXPERIENCE

### Keystone Ops - Remote

*Full-Time, DevOps Engineer*

*Projects: Deploying Core Banking Apps, Education Platforms*

**JAN 2024 - PRESENT**

- Designed and operated secure, production-grade Amazon EKS clusters with IRSA-based IAM, enforcing strict workload isolation and least-privilege access control
- Built multi-environment infrastructure (dev, staging, production) using Terraform and Ansible, improving infrastructure consistency and reducing manual provisioning overhead
- Designed resilient VPC architectures with segmented networking (public/private subnets, NAT gateways, route tables), improving system security and availability
- Strengthened supply chain security using Cosign image signing and verification, ensuring only trusted container images are deployed
- Enforced Kubernetes security policies using OPA Gatekeeper and Kyverno, preventing privileged workloads and enforcing runtime security standards
- Implemented OIDC-based authentication for CI/CD pipelines, eliminating long-lived credentials and

improving security compliance posture

- Built a full observability stack using OpenTelemetry, Prometheus, Loki, Tempo, and Grafana, significantly improving system visibility and incident detection capabilities
- Improved operational reliability of production platforms (including Fineract Core Banking systems) by enhancing monitoring, alerting, and deployment safety
- Integrated LLM-based tooling (Ollama, ChatGPT, Claude) into DevOps workflows to accelerate log analysis, incident triage, and root cause identification
- Developed AI-assisted troubleshooting workflows for Kubernetes and CI/CD pipelines, reducing debugging complexity and improving engineering efficiency
- Applied prompt-engineering techniques to standardize incident reports and operational runbooks, improving consistency and response quality during outages

### **DevOps-as-a-Service [Daas.Ng](#) - Remote, Nigeria**

*Kubernetes Mentorship Programme*

**AUG 2025 - DEC 2025**

- Gained hands-on experience with Kubernetes cluster operations, networking, and scheduling.
- Built CI/CD pipelines following GitOps principles for automated deployments.
- Provisioned cloud infrastructure using Infrastructure as Code, ensuring scalability and repeatability.
- Implemented monitoring and observability solutions for system health and performance.
- Applied Kubernetes security best practices including RBAC, Pod Security Standards, and secrets management.
- Collaborated remotely with mentors and peers to troubleshoot production-like issues and deliver reliable DevOps solutions.

### **Cloudware Innovative Technologies - Ibadan, Nigeria**

*Linux Systems Administrator (Intern, Remote)*

**JUNE 2023 - JAN 2024**

- Installed, configured, and administered Linux servers (RedHat, Ubuntu, CentOS) and Windows environments, managing user accounts, groups, and permissions.
- Deployed and managed Hypervisors to provision and maintain hundreds of virtual machines.
- Managed Apache Tomcat and Apache HTTP servers, handling installation, configuration, and application deployments.
- Performed security patching and firewall configurations, securing applications and networks by managing IPs, ports, and access rules.
- Troubleshoot complex networking issues using strong knowledge of the OSI model, TCP/IP, and IP addressing across Linux and Windows systems.
- Supported automation and monitoring frameworks, improving system performance and reliability.

## **EDUCATION**

- Leadcity University, Ibadan, 2025 - *Bachelor of Science (B.Sc.)*
- School of Surveying, Oyo, 2021 - *Higher National Diploma (HND)*

## **PERSONAL PROJECTS**

- Built CI/CD pipelines with GitHub, Docker, and Jenkins to auto testing and deployment. [GitHub](#)
- Developed and deployed an API service with Docker, Kubernetes, and Helm. [GitHub](#)

- Provisioned PostgreSQL (master–replica) using Docker Compose. [GitHub](#)
- Implemented observability with OpenTelemetry, Prometheus, Loki, Tempo, and Grafana, managed via Terraform. [GitHub](#)
- Deployed a WordPress app for security and compliance. [GitHub](#)
- Automated multi-environment deployments with Argo CD, leveraging the App of Apps pattern and ApplicationSets. [GitHub](#)