AYOBAMI AGBOOLA

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SUMMARY

DevOps Engineer with 3 years of experience architecting and operating production-grade, cloud-native environments. Specialized in **Kubernetes orchestration** and **Infrastructure as Code (Terraform, Ansible)** to deliver "one-click" deployment solutions. Proven track record in implementing **GitOps (Argo CD)** and full-stack observability (Prometheus/Grafana), ensuring high availability and system transparency from the networking layer to the application.

EXPERIENCE

DevOps Engineer

Leadway Assurance **November 2025 - Present, Surulere, Lago**

- **CI/CD Pipeline Management:** Engineered and maintained automated CI/CD pipelines using **Azure DevOps** to streamline the deployment of various insurance products across development, staging, and production environments.
- **Monitoring & Observability:** Enhanced system transparency by implementing monitoring solutions (using **Grafana, OpenTelemetry**) to track application performance and hardware health, reducing incident response time for critical financial applications.
- **Infrastructure Troubleshooting:** Managed remote server environments via administrative access, performing deep-dive log analysis to resolve API connectivity issues and server-side bottlenecks for development teams.
- **Developer Support & Collaboration:** Acted as a technical bridge for the development team, providing insights into hardware visibility and performance metrics to optimize application resource consumption.
- **Tech Stack:** Microsoft Azure (Compute, Networking, App Services), Azure DevOps Pipelines, OpenTelemetry, Grafana, Bash, Python, PowerShell, .NET Core, Node.js.

Junior IT Operations Intern

ConSol Limited **August 2025 - October 2025, Oshodi/Isolo, Lagos State, Nigeria**

- Continued to provide front-line support and incident triage while supporting day-to-day Information Systems operations.
- Assisted with basic administration and troubleshooting of the company's telecom systems (Altigen, Issabel), including user provisioning, call routing checks and resolving common voice issues.
- Performed light Linux server tasks under supervision (log checks, service restarts, basic package updates) as part of the lecoms/server support for the Information Systems team.
- Escalated complex incidents to senior engineers and contributed to knowledge-base articles describing telecom and server troubleshooting procedures.

System Support Engineer

Blueprint Business Technologies **April 2024 – August 2024, Ikoyi, Lagos State, Nigeria**

- Provided system support and server administration, helping maintain operational efficiency for internal systems.
- Troubleshot hardware and software issues and handled user support requests through the ticketing process.
- Assisted with the setup and configuration of workstations and collaborated with IT teams to resolve incidents.
- Gained exposure to VMware ESXi and Dell PowerEdge servers.

Information Technology Help Desk

ConSol Limited **July 2023 - October 2023, Oshodi/Isolo, Lagos State, Nigeria**

- Managed the full lifecycle of technical incidents using ticket workflows, diagnosing hardware and OS failures to **minimize downtime** for internal teams.
- Administered Identity and Access Management via **Active Directory**, ensuring **standardized user provisioning** and secure endpoint configuration for new hires.
- Developed a centralized knowledge base and troubleshooting documentation, **reducing resolution time** for recurring issues and streamlining the handover process.

PROJECT

Automated Cloud Infrastructure Deployment with Terraform and Ansible

github.com/iamay0bami/cv-challenge-phase2 • January 2026 - January 2026

- Designed and deployed a complete IaC workflow where Terraform provisions cloud resources and dynamically triggers Ansible playbooks.
- Automated setup of a React + FastAPI + PostgreSQL application stack alongside a Prometheus-Grafana monitoring stack using Docker Compose.
- Implemented routing via Traefik/Nginx and automated Docker image builds/pushes to Docker Hub.
- Achieved full automation such that running terraform apply -auto-approve provisions infrastructure, deploys services, and configures routing end-to-end.

DevSecOps Pipeline with Kubernetes Monitoring

github.com/iamay0bami/Boardgame-Project • December 2025 - January 2026

- Built a robust CI/CD pipeline transitioning code from commit to a live Kubernetes cluster using Jenkins for orchestration and ArgoCD for delivery.
- Integrated security and quality gates by implementing SonarQube for static code analysis and Trivy for container image vulnerability scanning.
- Deployed a comprehensive observability stack using Prometheus for metrics collection and Grafana for visualization, creating custom dashboards for real-time cluster health monitoring.
- Automated the containerization process, ensuring optimized Docker images could be pushed to the registry before deployment.

End-to-End GitOps Deployment on AKS

github.com/iamay0bami/k8s-votinapp-cicd • December 2024 - December 2025

- Architected a full GitOps workflow for a 3-tier microservice voting application on Azure Kubernetes Service (AKS).
- Provisioned cloud infrastructure using Terraform, managing remote state via Azure Storage Accounts to ensureconsistency and collaboration.
- Engineered a CI pipeline in Azure DevOps to automate the building and pushing of Docker images to the AzureContainer Registry (ACR).
- Implemented ArgoCD for Continuous Delivery, enabling automated synchronization between Helm chart repositories and the Kubernetes cluster for zero-touch deployments.

FastAPI & React Microservices Deployment with Monitoring and Logging

github.com/iamay0bami/cv-challenge01-fastapi-react • August 2025 - October 2025

- Containerised a FastAPI backend and React frontend and created separate Docker Compose stacks for the application and monitoring.
- Implemented a reverse-proxy (Traefik / Nginx Proxy Manager) to route / → frontend, /api & /docs → backend, and proxy/grafana & /prometheus to the monitoring stack.
- Built an observability pipeline using Prometheus (metrics), Grafana (dashboards, including a cAdvisor container-metricsdashboard), and Loki + Promtail for centralized logging.
- Configured PostgreSQL and Adminer for DB management, and prepared GitHub Actions workflows to automate build→ test → container packaging and deployment steps for cloud-based Docker Compose.
- Documented deployment steps and prepared screenshots for the project.

EDUCATION

B.Eng. Computer Engineering

Bells University of Technology • Ota, Ogun State • 2025 • 4.54

- First-Class.

SKILLS

Soft Skills: Troubleshooting, Problem-solving, Process Improvement, Root Cause

Technical Skills: Nginx, Traefik, Jenkins, GitHub Actions, GitOps, Argo CD, Azure DevOps, Terraform, Kubernetes, Containerization, Docker, Kubernetes, Observability, Prometheus, Grafana, Microservices, Ansible, Bash, Python