DWAYNE CHIMA
DevOps Engineer

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Lagos, Nigeria

Cloud technology expert specializing in AWS, IaC, and CI/CD automation. Skilled in designing scalable, secure cloud systems with Terraform, Docker, Kubernetes, and Python, driving automation and scalability in cloud infrastructures to optimize system reliability and performance for evolving business needs.

PROFESSIONAL EXPERIENCE

BINCOM DEV CENTER   **Lagos, NG**
DevOps Engineer Apprentice   APRIL 2024 - Present

- Automated CI/CD workflows in GitLab, cutting deployment time from 12 minutes to under 4 minutes and ensuring consistently error-free builds
- Optimized Docker containerization and compose configurations for production environments, reducing deployment errors and standardizing application deployment processes.
- Created modular Terraform templates for multi-environment deployments, decreasing provisioning time from almost an hour to 15 minutes and improving consistency across stages.
- Deployed Ansible playbooks to streamline configuration management across cloud environments, slashing service setup time by 70% and ensuring consistent configurations.
- Built a Kubernetes-based development environment, enabling the dev team to test locally in a production-like setup and catch issues earlier with less manual configuration.

HNG TECH   **Lagos, NG**
DevOps Intern   JULY 2024 - Sep 2024

- Reduced deployment time by 10 minutes with optimized CI/CD pipelines for a Python/Java application using GitHub Actions, improving delivery speed and stability.
- Dockerized server environments and integrated monitoring with Prometheus and Grafana, boosting uptime and performance tracking, enabling engineers to identify and resolve issues 70% faster
- Configured Nginx for Python backend, utilizing RabbitMQ and Celery for efficient asynchronous processing, enhancing system reliability.
- Delivered SSH reverse tunneling service, allowing public access via wildcard domains, improving flexibility for testing environments.
- Ranked in the top 2% out of 1,700+ interns for exceptional performance and technical execution.

PROJECTS
- Terraform EKS Demo   - Docker Demo

SKILLS AND TOOLS

- **CLOUD AND INFRASTRUCTURE AS CODE:** AWS, AZURE, DIGITAL OCEAN, TERRAFORM
- **CI/CD, VERSION CONTROL:** GITHUB, GITLAB, GITHUB ACTIONS, GITLAB CI, JENKINS
- **CONFIGURATION MANAGEMENT AND SCRIPTING:** ANSIBLE, HELM, PYTHON, BASH
- **CONTAINER ORCHESTRATION, MONITORING:** DOCKER, KUBERNETES, PROMETHEUS, GRAFANA
- **SYSTEM ADMINISTRATION, NETWORKING**: LINUX SYSTEMS, NETWORK CONFIGURATION AND MANAGEMENT

EDUCATION

UNIVERSITY OF LAGOS   **Lagos, NG**
Bsc (Hons), Quantity Surveying   2017 - 2023
UNIVERSITY OF LAGOS   **Lagos, NG**
Diploma, Engineering   2015 - 2016

CERTIFICATIONS

IBT CERTIFIED DEVOPS ENGINEER – PROFESSIONAL (2024)   AWS SOLUTIONS ARCHITECT – ASSOCIATE (2024)

HNG 11 – FINALIST CERTIFICATE (2024)   AWS CERTIFIED CLOUD PRACTITIONER (2023)

GITHUB – FOUNDATION CERTIFICATION (2024)