DWAYNE CHIMA

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PROFESSIONAL SUMMARY

A dedicated cloud technology professional with over 3 years of experience across industries. Certified in AWS, I excel in leveraging AWS services for optimal cloud infrastructure management and deployment.

With an emphasis on infrastructure as code (IaC), cloud-native technologies, and CI/CD pipeline automation, I specialize in DevOps practices. Having designed and managed scalable, secure cloud systems, I have a great and extensive experience with Terraform and Kubernetes in addition to having a strong foundation in Python.

Creating innovative and effective cloud infrastructures that satisfy changing technology demands is my mission.

WORK HISTORY

Bincom Dev Center
Lagos, Nigeria
March 2024 - Present

DevOps/Infrastructure Engineer

- Design and maintain CI/CD workflows with Gitlab to automate build, test, and deployment processes, significantly improving deployment efficiency.
- Develop Dockerfiles and Docker-compose configurations for various services, facilitating containerization and deployment for applications.
- Leverage Terraform to automate manual infrastructure tasks, improving deployment efficiency by **30%** and reducing configuration errors.

HNG Tech
Lagos, Nigeria
July - September 2024

DevOps Intern

- Optimized CI/CD pipelines for Tifi.tv, a Python and Java application with a Next.js frontend, using GitHub Actions. Automated build, test, and deployment processes, ensuring smooth integration across branches and environments.
- Implemented Dockerization, improved server performance, and integrated monitoring solutions using Grafana with Prometheus for project monitoring, building custom dashboards, configuring alerts, and tracking DORA metrics for a reliable and scalable infrastructure.
- Configured the project's Python backend behind Nginx, integrating RabbitMQ and Celery for asynchronous task handling, and exposed the system via ngrok for external testing.
- Created a dynamic tunneling service application using SSH reverse forwarding, providing public URLs for application access, incorporating wildcard domains, and managing proxy settings.
- Set up self-hosted GitHub Actions runners on Kubernetes, ensuring scalable CI/CD workflows and continuous integration, including troubleshooting and workflow optimization.
- Finished in the top **30** out of **1700**+ DevOps interns, showcasing exceptional performance and dedication through the internship.

Pishon Pathways Ltd.
Lagos, Nigeria
January 2024 - Present

IT Consultant

- Support Anti-Money Laundering (AML) initiatives by utilizing digital tools for compliance verification, including conducting automated background checks, guarantor confirmations, and secure fingerprint and criminal record validations using cloud-based platforms.
- Assist in the digital organization of compliance and audit documentation, contributing to the preparation of AML compliance manuals and reports using MS Office Suite and secure file management systems.
- Collaborate with the compliance and legal teams to ensure accurate data analysis for investigations, leveraging IT systems to maintain confidentiality and enhance decision-making processes.

Business Contracting Ltd
Lagos, Nigeria
June - November 2021
QS Consultant/Auditor
- Performed detailed cost analysis of construction projects using specialized software to ensure accurate budgeting and financial management.
- Utilized data analysis tools to calculate and estimate quantities of materials, labor, and equipment required for various construction projects, improving precision and resource allocation.
- Assisted in developing digital reports and documentation for project audits, leveraging MS Excel and project management software to track and analyze costs effectively.

EDUCATION

University of Lagos
October 2017 - July 2023
B.Sc. in Quantity Surveying (Second class upper)

University of Lagos
September 2015 - July 2016
Diploma in Engineering

Nigerian Navy Secondary School
September 2009 - July 2015
West African Secondary School Certificate Examination, WASSCE

SKILLS & CERTFICATION

IBT Certified DevOps Engineer - Professional (2024**)**
HNG 11 Finalist Certificate (2024**)**
GitHub Foundation Certification (2024**)**
AWS Solutions Architect - Associate (2024**)**
AWS Certified Cloud Practitioner (2023)

Cloud computing: AWS
Infrastructure as Code: Terraform
Configuration Management: Ansible, Helm
Scripting and Automaton: Python, Bash
Version control: Github, Gitlab
CI/CD Tools: GitHub Actions, Jenkins, GitLab CI
Container and Orchestration: Docker, Kubernetes
Monitoring & Logging: Prometheus, Grafana
Database Management: MySQL, PostgresSQ

SCHOLARSHIP AND AWARDS
Linux Foundation Training Program
Scholarship Recipient, 2024
- Awarded a scholarship for the Linux Foundation Training Program, focusing on Kubernetes and cloud-native technologies.

VOLUNTEER WORK
Tech Community Moderator
Lagos, Nigeria
June 2024 - Present
- Moderating a tech-focused WhatsApp community designed to support beginners and individuals starting their journey into IT
- Facilitating engagement, networking, and knowledge-sharing in a safe environment that fosters individual growth.
- Ensuring the community's activities align with its mission of bridging the knowledge, information, and opportunity gap in science and technology