

OLUSEGUN AKINNOLA

+2348135161813 · shegezzy@gmail.com
1 Shittu Street, Lagos, Nigeria

SUMMARY

Passionate software engineer with 2 years of .NET backend development experience, making a strategic shift to DevOps. Highly motivated to bridge the gap between development and operations, applying my analytical skills and collaborative spirit to design and automate efficient CI/CD pipelines. Proficient in Jenkins, Terraform, Kubernetes and continually learning new technologies to excel in this dynamic field.

TECHNICAL SKILLS

- | | |
|---|--|
| • Scripting Languages: [Python, Bash, PowerShell] | • Monitoring and Logging: [Grafana, ELK Stack] |
| • CI/CD Tools: [Jenkins, GitLab] | • Version Control: [Git, SVN] |
| • Infrastructure as Code: [Terraform, Ansible] | • Containerization: [Docker, Kubernetes] |
| • Cloud Platforms: [AWS, Azure, Google Cloud] | • Configuration Management: [Ansible] |

PROJECTS WORKED ON

1. CI/CD Pipeline for a Microservices Architecture

- **Project:** Automated deployment of a simple e-commerce application built with microservices (e.g., product catalog, cart, payment).
- **Tools:** GitLab CI/CD, Docker, Kubernetes (optional).
- **Highlights:** Implemented automated builds and unit tests, created Docker containers for each microservice, deployed services to a Kubernetes cluster automatically using CI/CD pipeline, demonstrated understanding of containerization and CI/CD principles.

2. Infrastructure as Code for an AWS Deployment

- **Project:** Automating the infrastructure provisioning and configuration for a web application on AWS using IaC.
- **Tools:** Terraform, AWS CloudFormation (optional).
- **Highlights:** Defined infrastructure resources like EC2 instances, databases, load balancers in Terraform code, implemented automated deployment of application code and configuration changes, showcased proficiency in Infrastructure as Code and cloud platform knowledge.

3. Automated Security Monitoring and Alerting

- **Project:** Integrating security tools (e.g., vulnerability scanners, SIEM) into existing CI/CD pipeline for an existing application.
 - **Tools:** Prometheus, Grafana, Security plugin for CI/CD platform (e.g., Aqua Security for Jenkins).
 - **Highlights:** Developed security scripts to scan code and infrastructure for vulnerabilities, created dashboards in Grafana to visualize security metrics, implemented alerts based on security events, demonstrated understanding of DevSecOps practices.
-

PROFESSIONAL EXPERIENCE

ALX Africa
AWS Devops Engineer

October 2023 - Present

- Build CI/CD pipelines
- Manage infrastructure with code, monitor performance, solve problems, and adapt to constantly evolving technologies.
- Keeps apps running smoothly and efficiently

WEMA Bank
Backend Engineer

Jun 2022 -May 2023

- Participate in the entire application lifecycle, focusing on coding and debugging
- Perform UI tests to optimize performance.
- Collaborate with Front-end developers to integrate user-facing elements with server side logic.

United Bank of Africa (UBA)
Backend Engineer

Jan 2021 - Jun 2022

- Build & maintain bank's backend systems (accounts, transactions, payments).
- Integrate internal/external systems for seamless data flow.
- Optimize performance & resource usage for speed & efficiency
- Implement strong security measures & protect customer data.

EDUCATION & CERTIFICATIONS

- **The Polytechnic Ife, Osun State**
Higher National Diploma in Computer Science
- **The New Horizon, Lagos State**
Diploma in Web Design
- **ALX Africa**
AWS Cloud Practioner

ADDITIONAL SKILLS

- Communication (written and verbal)
 - Collaboration and teamwork
 - Problem-solving and critical thinking
 - Time management and organizational skills
 - Adaptability and ability to learn new technologies quickly
-