**ABAYOMI ROBERT ONAWOLE**

**DevOps and Cloud Engineer**

| [LinkedIn](https://www.linkedin.com/in/abayomi-robert-onawole/) | [Github](https://github.com/yomex96/yomex96)

Mobile: +2349032633953 | +2349160765827 LinkedIn: https://www.linkedin.com/in/abayomi-robert-onawole/

Email: [Abayomirobertonawole@gmail.com](http://Abayomirobertonawole@gmail.com) Portfolio: <https://yomex96.github.io>

**Professional Summary**

DevOps Engineer with 3+ years of experience in building secure and scalable AWS and Azure cloud infrastructures, automating CI/CD pipelines, and optimizing Linux-based systems

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| Cloud Platforms | Aws (EC2 S3, DynamoDB, VPC, Lambda Amplify, ECS, RDS, EKS, IAM) and Microsoft Azure (AKS) |
| Build Tools | Gradle and Maven |
| Containers and Orchestration | Docker and Kubernetes |
| Scripting | Python, Go and Shell (Bash) |
| Configuration Management | Ansible |
| Infrastructure as Code | Terraform, Terraform and cloud formation |
| CI/CD | GitHub Actions, Gitlab and Jenkins |
| Monitoring and Logging | Cloud watch, Prometheus, Datadog, Splunk and Grafana |
| Security and Compliance | IAM, Security Groups, Encryption, Vulnerability scanning |
| Databases | MongoDB, MySQL, DynamoDB |
| Networking | TCP/IP, DNS, Load Balancing, Firewalls |
| Collaboration & Agile | Jira, Confluence, Agile Methodologies |
| Operating System | Linux |

**WORK EXPERIENCE / ACTIVITIES**

**Tech Nova Solutions Ltd. (Contract)** – DevOps Engineer

*Lagos, Nigeria | | December 2024 – May 2025*

* Identified and eliminated inefficiencies in legacy cloud infrastructure by transforming manually provisioned resources into modular, reusable Terraform-based IaC, reducing cloud costs by 45.7%, improving resource utilization by 40%, and accelerating deployment times by 35%.
* Developed Terraform templates to provision infrastructures on AWS and Azure, reducing deployment time by 40% and minimizing configuration drift.
* Led migration from GitHub to GitLab, enhancing repository security and optimizing CI/CD workflows, reducing infrastructure costs by 25.6%.
* Optimized AWS DynamoDB performance by implementing auto-scaling, optimized indexing, and partition key redesign, improving query efficiency and ensuring 90% availability for AI/ML applications.
* Implemented proactive monitoring using AWS CloudWatch, reducing system downtime by 20%.
* Developed and maintained Python scripts to automate infrastructure tasks, debugged deployment issues, and optimized CI/CD pipelines.
* Deployed AI/ML applications using AWS services, including EC2 and AWS Amplify, ensuring scalability, reliability, and optimal performance.
* Configured and managed Linux-based systems, enhancing system security and performance.
* Worked in Agile sprints, collaborating with developers and data scientists, and contributed to documentation in Confluence.

**Cloud Sphere Technologies (Contract)** – Systems Engineer

*Akure, Nigeria | June 2024 – July 2025*

* Managed network infrastructure for high availability and performance.
* Configured and secured Linux-based systems for enterprise use.
* Performed data analysis and reporting using SQL.

**LICENSES & CERTIFICATIONS**

**AWS Solution Architect – Associate**

*Amazon Web Services -* Issued May 2025

Validated skills in designing secure, cost-efficient and scalable cloud architectures using AWS services including EC2, S3, RDS, Lambda, VPC and more. Proficient in deploying and managing cloud infrastructure based on best practices.

**AWS Certified Cloud Practitioner**

*Amazon Web Services -* Issued January 2025

Strong foundation in cloud computing concepts, AWS core services, cloud architecture principles, and the AWS shared responsibility model.

**Professional Foundation Certificate**

*ALX AFRICA -* Issued October 2024

Gained comprehensive skills in workspace Productivity and collaboration tools including Microsoft excel, PowerPoint, Jira, and Google Workspace. Developed proficiency in digital communication best practices, professional etiquette, and project tracking enhancing team coordination and efficient project delivery in remote and Agile environments.

**Software Engineering Certificate (Backend Specialization)**

*ALX AFRICA -* Issued September 2024

Completed hands-on training in full-stack development using Python, C, JavaScript, Node.js, React.js, MongoDB, SQL, MySQL, Chef and Puppet. Gained operational experience in Linux system administration, Nginx and basic network configuration.

**Fortinet Certified Fundamentals in Cyber Security**

*Fortinet -* Issued August 2024

Demonstrated knowledge in cybersecurity basics, threat analysis and mitigation, and strategies for managing emerging cyber risks.

**CompTIA Network+ N10-008**

*CompTIA -* Issued July 2024

Recognized skills in managing and securing networks, with expertise in networking concepts, virtualization, cloud technologies and networking troubleshooting.

**EDUCATION**

**Federal University of Technology Akure, Akure, Nigeria** January 2017 – July 2023

Bachelor of Engineering in Electrical and Electronic Engineering

*(Second Class Upper)*

**ALX-AFRICA** August 2023 – September 2024

Professional Software Engineering Program

*(Online-based program focused on software engineering principles)*

**REFERENCE**

This will be made available on request.