FRANKLYN MBELU

Cloud Engineer | DevOps Specialist | AWS Certified Professional

Lagos, Nigeria

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LINKS

Portfolio , *LinkedIn* , *GitHub*

PROFILE

AWS-certified Cloud & DevOps Engineer with 4+ years of experience architecting and automating secure, scalable cloud infrastructures. Proven record of reducing operational costs by 30%, improving uptime to 99.99%, and accelerating deployments via CI/CD and Infrastructure as Code. Highly skilled in cloud automation, observability, and cross-functional collaboration.

EMPLOYMENT HISTORY

❖ **Cloud Administrator, Phoenix Converge Solutions Limited**   .... Jan 2024

Lagos

Led 10+ AWS migration projects, delivering zero downtime and 100% data integrity.

- Implemented IAM and security best practices, cutting security incidents by 25%.
- Reduced AWS infrastructure costs by 30% through auto-scaling and rightsizing.
- Architected disaster recovery using AWS Backup & S3 with 99.9% data availability.
- Maintained 99.99% uptime SLA through high-availability architecture and monitoring.

❖ **Cloud Architect, Tranter IT**   .... Nov 2020

Lagos

- Designed and deployed AWS cloud solutions for 15+ enterprise clients using EC2, S3, and RDS.
- Enhanced system performance by 20% through proactive monitoring and cost optimization.
- Developed 10+ technical proposals that supported successful client acquisition and retention.
- Performed regular cloud security audits, ensuring compliance with corporate standards. Implemented monitoring via CloudWatch, Prometheus, and ELK Stack to improve reliability.

❖ **IT Personnel (Helpdesk), Tranter IT**   .... Jul 2017

Lagos

- Provided end-user technical support and resolved 500+ IT issues, minimizing downtime.
- Managed IT asset inventory, ensuring efficient resource tracking and replacements.
- Trained staff in IT best practices, improving the onboarding experience for new employees.
- Implemented endpoint security and user access protocols to safeguard data assets.

PROJECTS

❖ **E-commerce Platform (AWS ECS + Terraform)**
- Architected a containerized e-commerce solution using ECS Fargate and Terraform.
- Implemented CI/CD with GitHub Actions, achieving 40% faster releases and 30% cost optimization.

❖ **Cloud-Native Microservices Platform (AWS EKS)**

Built and automated Kubernetes microservices deployment with GitHub Actions, achieving 99.9% uptime and 50% faster deployment cycles.

❖ **AI-Powered Text-to-Image Microservice**

Deployed AI inference service on AWS App Runner using Terraform, reducing release time by 60% and improving cost efficiency by 25%.

❖ **Automated WordPress Deployment using Terraform**

Created reusable Terraform modules and multi-AZ architecture with 99.9% uptime and automated scaling under load.

TECHNICAL SKILLS

AWS	Azure
Terraform	CloudFormation
Ansible	Puppet
Docker	Kubernetes
Helm	ECS
EKS	Jenkins
GitHub Actions	AWS DevOps
GitOps	Prometheus
Grafana	ELK Stack
Amazon CloudWatch	Python
Bash	YAML
Git	GitLab
Windows	Linux

CERTIFICATIONS

❖ **AWS Certified Solutions Architect – Associate** .... Sep 2023

❖ **AWS Certified Developer – Associate** .... Dec 2023

❖ **AWS Certified SysOps Administrator – Associate** .... May 2024

EDUCATION

❖ **Nnamdi Azikiwe University, Awka, Nigeria**

Bachelor of Engineering (B.Eng.) in Electronics and Computer Engineering

LANGUAGES

French: Beginner (A1)   English: Native