



Anthony Akoji

SRE/DevOps Engineer

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Profile

DevOps Engineer with 5 years progressive experience, I specialize in Site Reliability Engineering (SRE) within an operations team. My core responsibilities involve deploying and monitoring Kubernetes-based infrastructure, creating Grafana dashboards, and configuring robust alert systems. I also excel in producing comprehensive documentation to facilitate team workflow and onboarding. My expertise spans AWS, GCP, Docker, Kubernetes, Grafana, SQL, Terraform and New Relic, among others. I'm driven by a commitment to operational excellence, staying current with industry trends, and optimizing infrastructure. I look forward to leveraging my skills to enhance system reliability and contribute to any organization's success as a dedicated SRE/DevOps Engineer.

Skills and Competencies

Amazon Web Services (AWS)

Linux System Administration

Docker

Bash Scripting

Google Cloud Platform (GCP)

Troubleshooting

Customer Service/ Support

Networking

SQL

MongoDB, MySql

GitHub Actions

New Relic

Windows Administration

Kubernetes

Github Actions / Gitlab CI

Terraform, Ansible

Virtual Machines

Grafana and Prometheus

Analytical & Team-player skills

Jira

Jenkins

Technical Support


Kafka

Certificates

Certified Kubernetes Administrator

Oracle Certified Foundation Associate
February 2022

Google Africa Developer Training Program
February 2021

Aviatrix Certified Associate Engineer 
February 2021

ISO/IEC 20000 IT SERVICE SKILLFRONTMANAGEMENT ASSOCIATE™
March 2021

Certified Calico Operator: Level 1, 2023 

GitOps at Scale Certificate 

Certified Network Security Specialist 
June 2020

Professional Experience

April 2023 – present

Site Reliability Engineer (SRE), Moniepoint Inc 

Lagos, Nigeria

- Proactively monitor and support card payment transactions through Grafana, employing my expertise in SQL queries to analyze and extract crucial data. My efforts guarantee a remarkable card payment transaction success rate of 96% across all processors.

- Integrated Kafka as a scalable, distributed messaging system to facilitate reliable data streaming and event-driven architecture within the infrastructure.
- Automating deployment and configuration management processes using tools like Terraform, ArgoCD, and Docker, ensuring consistent and reliable application deployments.
- Leverage my extensive New Relic and Kubernetes proficiency to oversee the health of all Kubernetes workloads, ensuring the uninterrupted operation of RabbitMQ nodes and other critical services.
- Collaborate effectively with third-party partners such as Interswitch, Nibss, and UPSL to troubleshoot and escalate card payment processor issues. I meticulously follow up to ensure the speedy resolution of these issues, maintaining a seamless payment processing ecosystem.
- Demonstrate a proactive approach in identifying and resolving production application issues before they significantly impact customers. Investigate and resolve various customer-related issues encountered during card payment transactions, fostering a seamless payment experience.
- Routinely inspect Kubernetes workloads to confirm the proper functioning of all PODs and services and promptly address any that fail readiness probe, ensuring high system reliability.

September 2021 –
April 2023

Technical Support Specialist,

Ikeja Electric Distribution Company ☑

Lagos, Nigeria



- Managing and maintaining Linux servers, Kubernetes clusters, AWS instances, and Docker containers.
- Developing tools to automate common tasks in the DevOps pipeline, including building new code into docker images, deploying those images to Kubernetes, starting/stopping pods, etc.
- Installing, configuring and administering Jenkins CI tool on Linux machines.
- Assist in the planning, coordination, and implementation of projects and the creation of IT policies.

February 2020 –
August 2023

DevOps Engineer, Darey.io ☑

London,
United Kingdom

- Designing and deploying containerized microservice applications using AWS Fargate, Docker, EKS, GKE and Kubernetes.
- Setting up CI/CD pipelines using continuous integration tools - Jenkins to automate pipeline scripts for GitHub and GitLab repositories and ansible-playbook execution using AWS CodeDeploy, Jenkins, and GitHub actions.
- Developing terraform configuration files and modules to support infrastructure as code in AWS. Provisioning EKS, ASGS, S3, RDS, Route53 records, VPCS Security Groups, etc.
- Using AWS Budgets to set custom budgets for tracking costs and usage of resources in an AWS account. Setting up alerts by email when actual or forecasted cost and usage exceed the budgeted threshold.

April 2019 – January 2020	<ul style="list-style-type: none"> • Taught over 300 students on the platform about DevOps concepts and how to implement different projects. • Implementing AWS Identity and Access Management (IAM) to manage access to AWS services and resources securely, as well as set up Multi-Factor Authentication (MFA) to enhance account security. 	Lagos, Nigeria
July 2018 – March 2019	Technical Support Engineer, -- NZ Pro Gaming Limited  <ul style="list-style-type: none"> • Installed and Configured gaming hardware, operating system, and applications on slot machines. • Monitored and maintained slot systems and internet networks in around 80 locations. • Troubleshoot system and network problems, diagnosed and solved hardware and software issues from various customers. • Supported the rollout of new gaming applications on slot machines. • Tested and evaluated new Technologies on software used for payment, and loading the slot machines. 	Lagos, Nigeria
	Network Field Service Engineer, -- Tizeti Network Limited  <ul style="list-style-type: none"> • Performed configurations on Cambium Radios and MikroTik routers as well as Installed and troubleshoot microwave radios such as Cambium and Ubiquiti for point-to-point and point-to-multipoint wireless links. • Installed, configured, and troubleshoot customer premises equipment (CPE) such as optical, network terminals (ONTs), wireless access points, extenders, and repeaters. • Maintained inventory and managed network equipment at the base stations or point of presence (POP) to investigate the cause of outages and ensure network availability. 	

Education

September 2014 – July 2019	Federal University of Technology, Akure, Bachelor of Engineering  Bachelor of Engineering in Electrical & Electronics Engineering
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Projects

May 2022 – September 2022	Personal Project <ul style="list-style-type: none"> • Creating a CI/CD pipeline using Git, Jenkins and Maven on AWS. • Integration of TomCat server in the CI/CD pipeline. • Integration Docker in a CI/CD pipeline.
October 2021 – July 2022	Migration of CIS 2.0 Ikeja Electric <ul style="list-style-type: none"> • I was part of the team that assisted in the rollout and migration of the Customer Information system from on-prem to Azure cloud.

Organizations

2021 – present	Nigeria Society of Engineers, Graduate Member	Lagos, Nigeria
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