Rufai Kabiru Adeniyi

DevOps Engineer

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SUMMARY

I am an IT professional with 6+ years of experience in system administration, networking, and technical support, transitioning to DevOps with a Diploma in Cloud Engineering from AltSchool Africa and 2+ years of hands-on expertise. I completed Stage 7 of 10 of the HNG Internship 11 in the DevOps Engineering track, earning a Certificate of Proficiency, and have deepened my skills through collaborative projects and online tasks. Proficient in automation, infrastructure as code (Terraform), and containerization (Docker, Kubernetes), I am eager to contribute to innovative DevOps teams by optimizing cloud infrastructure and enhancing system reliability.

EXPERIENCE

Tech Support Executive
Finchglow Holdings |01/2025 – Present|
Company providing travel and technology services

• Automated monitoring with CloudWatch & Mailutils, 99.9% uptime.

• Provisioned AWS infrastructure like EC2, setup load balancer, Route 53 using IaC tool (Terraform).

• Resolved 95% of support tickets within 24 hours.

• Add users to the domain, create users and groups in active directory.

• Create hotspot profile for users and update the records.

• Deployed disaster recovery plan across 6 subsidiaries.

• Trained staff, boosting productivity by 45%.

IT Executive
African Exhibition Services |04/2019 – 12/2024|
Organization supports various exhibitions and events

• Revamped network infrastructure with Mikrotik routers and setting up ECMP on the router for fail over, reducing downtime by 95%.

• Implemented mesh Wi-Fi and access-controlled sharing

KEY ACHIEVEMENTS

System Uptime Improvement

Reduced system downtime by implementing effective monitoring and alerting systems, leading to a proven 99.9% uptime.

AWS Infrastructure Optimization

Provisioned scalable AWS infrastructure that optimized deployment processes.

SKILLS

Cloud/DevOps: AWS (EC2, S3, Auto Scaling), Terraform, Ansible, Docker, Kubernetes, Jenkins, Git, Infrastructure as Code (IaC)

Programming: Bash, Python, MySQL

Networking: MikroTik, TP-Link, Wifi, IP Addressing, Traceroute, Wireshark, Wi-Fi, IP Scanner, Routers, Switch, LAN

IT Support: Windows, Ubuntu, Hardware Installation, Help desk, Active Directory

PROJECTS

Automated Database (MySQL) Backups
- Created Bash scripts to automate MySQL database backups to AWS S3 with email notifications for enhanced data security. GitHub Repo

Monitoring System with Cron
- Developed a monitoring system using Bash, Cron, Postfix, and Mailutils for application health checks and downtime alerts. GitHub Repo

Containerized App with Jenkins CI/CD Pipeline and Docker
- Built a CI/CD pipeline with Jenkins to automate build, test, and deployment of a Python Flask app in a Docker container, including email alerts. GitHub Repo

improving seamless assess by 50%.

• Automated provisioning, reducing delivery cycles by 40%.

• Proposed the purchase requisition to acquire high-end graphics systems for the graphics/3D department, thereby enhancing team productivity and reducing render times for design projects by 50%.

IT Technician
African Bet Bonanza |12/2018 – 03/2019|
A gaming and betting company

• Deployed and maintained critical infrastructure for 18 gaming centers, reducing support issues by 30%.

IT Executive
Newgate Medical Services Ltd |04/2017 – 11/2018|
Healthcare services provider

• Upgraded network bandwidth capacity and managed 35+ system users and LAN and Wireless setups by improving access by 40%.

• Joined the Software team in Deploying Hospital Plus software on cloud (AWS) using Terraform for infrastructure setup by reducing setup time by 60%.

EDUCATION

OND – Computer Engineering |07/2013 – 09/2016|
Lagos State Polytechnic

HND – Computer Engineering |10/2018 – 09/2021|
Lagos State Polytechnic

Diploma - Cloud Engineering |03/2022 – 04/2023|
AltSchool Africa

CERTIFICATION

Certificate of Proficiency in DevOps Engineering |08/2024|
HNG Internship 11

MCITP – Microsoft Certified IT Professional |10/2009 – 04/2010|
National Institute of Information Technology (NIIT)

Self-learning: Udemy, W3School, YouTube

Web App Deployment Using Terraform (IaC)
• Deployed a web app on AWS using Terraform, with autoscaling, load balancing, and HTTPS security via Cloudflare and AWS Certificate Manager. [GitHub Repo](#)

Server Provisioning with Ansible
• Automated server setup and user management using Ansible for streamlined provisioning. [GitHub Repo](#)

Log Rotation Automation
• Optimized disk usage with custom log rotation scripts using Logrotate on Ubuntu. [GitHub Repo](#)

Static Website with Docker
• Containerized a static website for simplified deployment using Docker. [GitHub Repo](#)

• All other projects available on [GitHub](#)