

## Contact

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(LinkedIn)

## Top Skills

System Monitoring  
Site Reliability Engineering  
Elastic Stack (ELK)

## Certifications

Network Engineering  
AWS Certified Solutions Architect –  
Associate

# Ian Kisali

DevOps Engineer  
Nairobi County, Kenya

## Summary

Cloud DevOps engineer specializing in applying DevOps practices within a cloud infra. My core competencies involve working with Linux, networking concepts, and being well-versed in popular cloud platforms such as Amazon Web Services (AWS). I am skilled in setting up continuous integration and delivery (CI/CD) pipelines, using infrastructure as code (IaC), and managing containerized apps through tools like Docker and Kubernetes. Furthermore, my background includes hands-on work with configuration management tools like Ansible, monitoring and alerting solutions (Prometheus and Grafana). With a background in version control systems like Git, along with scripting languages like Python and Bash, I bring a comprehensive skill set to the table. Effective communication and collaboration are integral parts of my approach, essential for seamless teamwork across diverse functional teams.

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## Experience

Safaricom PLC  
Service Reliability Engineer  
October 2024 - April 2025 (7 months)  
Nairobi County, Kenya

This role involved implementing DevOps practices specifically monitoring as a service for Safaricom's critical applications.

Key achievements include:

- Collaborated with technology teams to ensure high availability of Safaricom's critical services, supporting a 99.9% uptime target ensuring SLA with customers are achieved.
- Transitioned part of monitoring solution from Dynatrace to the ELK stack, enhancing scalability, reducing dependency on proprietary tools and saving monitoring costs by 26%.
- Monitored critical services and applications, including M-Pesa, using ELK and Dynatrace ensuring seamless functionality for millions of users.

- Implemented monitoring for containerized platforms using Prometheus and Grafana, enhancing real-time insights into performance and operational efficiency

## Gearbox

### Embedded Systems and IoT Trainer Lead

August 2023 - October 2024 (1 year 3 months)

Nairobi County, Kenya

This role involved training junior and senior students on Embedded systems and Internet of Things course.

Key achievements include:

- Developed and implemented course outlines in embedded systems for Senior and Junior Academy, enhancing curriculum quality.
- Onboarded 11 additional Senior Academy students (275% growth) and 5 Junior Academy students (100% growth).
- Directly tutored 7 Senior Academy students and 2 Junior Academy students in an embedded systems and microcontrollers course.
- Supervised daily activities of 2 junior colleagues and 4 attaches, ensuring operational efficiency.
- Transformed the academy from existing 4 Senior Academy students to a program with structured learning and growth with a total of 21 students.

## Gearbox

### Internship Trainee

2022 - 2022 (less than a year)

Nairobi, Kenya

Working with a team to solve human problems and building innovative software and hardware solutions.

- ❖ Trained on identifying challenges in our society and coming up with solutions through Human Centered Design and Industry 4.0 technologies.
- ❖ Part of the Embedded Systems team using different microcontrollers and microprocessors to build integrated solutions.
- ❖ Developed door automation system with keypad and RFID access method using Raspberry Pi and ESP32
- ❖ Presentation of introduction to Raspberry Pi Pico microcontroller at makerthon.

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## Education

University of Nairobi

Bachelor of Science - BS, Electrical and Electronics Engineering

Litein High School

Kenya Certificate of Secondary Education