

Khalil Abdi Wali

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GitHub: <https://github.com/walikhalil480-art> | Portfolio: <https://khalil.tijabo.online/>

Professional Summary

Junior DevOps Engineer and Full-Stack Developer with over six years of programming experience building, deploying, and maintaining cloud-native applications. Experienced with AWS, Docker, Kubernetes, Terraform, Linux, GitHub Actions, Prometheus, Grafana, CI/CD, and modern web technologies. Passionate about automation, cloud infrastructure, monitoring, and scalable systems.

Education

Jamhuriya University of Science and Technology

B.Sc. Computer Applications (2020–2024)

Aqsa Primary and Secondary School

Secondary Education Certificate (2020)

Projects

Expense Tracker – Full-Stack Cloud-Native Finance Management Application

- Designed and developed a secure expense management platform with JWT authentication.
- Built backend using Node.js, Express.js, TypeScript, Prisma ORM and PostgreSQL.
- Built frontend using React, TypeScript, Vite, Redux Toolkit, Tailwind CSS, Axios and Recharts.
- Containerized services using Docker and Docker Compose.
- Deployed workloads on Kubernetes using Deployments, Services, ConfigMaps, Secrets and Persistent Volumes.
- Implemented CI/CD pipelines using GitHub Actions.
- Configured Nginx reverse proxy.
- Implemented monitoring using Prometheus and Grafana.
- Used Linux, Git and GitHub for deployment and troubleshooting.

DukaSmart – Multi-Shop POS Platform

Developed and deployed a multi-tenant POS system using Laravel, PHP, MySQL, Docker, Kubernetes, Terraform, AWS, GitHub Actions and Linux. Implemented RBAC, inventory management, customer management, CI/CD, and cloud deployment.

Emergency Response System

University thesis built with Flutter, Firebase Authentication and Firestore for emergency reporting and notifications.

Technical Skills

Cloud: AWS (EC2, IAM, VPC, S3, CloudWatch)

Containers: Docker, Docker Compose, Kubernetes, Nginx

CI/CD: Git, GitHub, GitHub Actions, Terraform, Linux

Monitoring: Prometheus, Grafana

Backend: Node.js, Express.js, Laravel, PHP, Python, TypeScript

Frontend: React, Vite, Tailwind CSS, JavaScript, Bootstrap

Databases: PostgreSQL, MySQL, Prisma ORM, Firebase Firestore

Certifications

AWS Cloud Practitioner (Coursera, 2026)
Kubernetes for the Absolute Beginners (Coursera)

Languages

Somali (Native) | English (Upper Intermediate)

Career Objective

Seeking a Junior DevOps Engineer position where I can contribute to cloud infrastructure, automation, CI/CD, Kubernetes, monitoring, and scalable application deployment while continuing to grow as a DevOps engineer.