

DevOps Engineer  
**KIRUBEL LEMMA**



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## Professional Summary

DevOps Engineer with 3+ years of experience optimizing software delivery pipelines, infrastructure automation, and containerization. Specialized in Linux system administration, Kubernetes orchestration, CI/CD automation, cloud migration, and infrastructure security. Designed scalable, highly available systems achieving 99.9% uptime. Skilled in implementing GitOps workflows and observability solutions using Prometheus and the ELK stack. Committed to delivering efficient, secure, and reliable infrastructure.

## Skills

**Programming:** Python, Java, JavaScript, Shell Script, YAML

**Containerization:** Kubernetes, Docker

**CI/CD & Automation:** Jenkins, GitLab CI/CD, Ansible

**Version Control:** Git, GitHub, GitLab, ArgoCD

**Linux:** CentOS, RHEL, Oracle Linux, Ubuntu Server

**Monitoring:** Zabbix, ELK Stack, Prometheus, Grafana

**Networking:** OPNsense, UniFi, Linksys, Installation

**Database:** MySQL, PostgreSQL, Oracle

**Web & Proxy Servers** Nginx, Apache, HAProxy, Traefik

**Virtualization:** Proxmox, OLVM, VirtualBox, Hyper-V

**Application Servers:** WildFly, Tomcat, WebLogic Server, IIS, Express.js, NestJS

## Professional Experience

### 1. Network and System Administrator

Hagbes PLC - [www.hagbes.com](http://www.hagbes.com)

Addis Ababa, Ethiopia | Dec 2023 – Present

- Designed and managed full DevOps environments; deployed Kubernetes clusters.
- Built automated CI/CD pipelines using Jenkins and GitLab.
- Configured Traefik as an ingress controller and load balancer.
- Implemented monitoring solutions (Prometheus, Grafana) for observability.
- Installed and managed database servers and corporate email applications.
- Configured secure network environments using OPNsense firewalls.
- Installed and deployed Odoo Server using Docker.
- Managed datacenter infrastructures.

### 2. Junior System Engineer

Atlas Computer Technology — [www.act.com.et](http://www.act.com.et)

Addis Ababa, Ethiopia | Jun 2022 – Dec 2023

- Containerized applications using Docker and Kubernetes for better scalability.
- Managed web servers (Nginx, Apache) and load balancers (HAProxy).
- Integrated ELK stack for centralized logging, alerting, and visualization.
- Administered Linux-based server infrastructure ensuring 99.9% uptime.
- Deployed Zabbix and Grafana for server and application monitoring.
- Managed firewall configurations using pfSense and conducted security audits.

## Projects

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### 1. Network and System Administrator

*Hagbes PLC (2023 – Present)*

**Project:** Hagbes ERP

- Architected and deployed scalable CI/CD pipelines using Jenkins for automated builds, testing, and deployments.
- Configured and optimized Kubernetes clusters to ensure high availability and fault tolerance for microservices.
- Integrated compliance and security scanning tools into CI/CD pipelines.
- Collaborated with agile teams to enhance delivery efficiency and maintain robust quality standards.
- Developed and documented product features, adhering to clean code principles and industry standards.

### 2. Wegagen Bank

- Tuned WildFly, ActiveMQ, and MySQL for peak performance; deployed secure proxies with Pound.
- Led container orchestration efforts, improving deployment speed and system resilience.
- Enhanced data integrity with backup scripts and fortified access via SSO integration.

### 3. Junior System Engineer

*Atlas Computer Technology Solutions (2022 - 2023)*

**Project:** USSD & Mobile Banking Platforms

- Successfully implemented and configured USSD and mobile banking platforms, ensuring seamless integration with core banking systems.
- Led end-to-end testing and deployment of new mobile banking features, improving customer access and service availability.
- Monitored and optimized transaction flows, resolving service issues to maintain high uptime and reliability.
- Coordinated with telecom operators and third-party vendors to enhance platform performance and user experience.
- Developed and maintained documentation for processes, configurations, and incident resolutions to support compliance and operational efficiency.

## Education

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### Bachelor's Degree in Computer Science

Admas University — Addis Ababa, Ethiopia

*Graduated 2023*

## Language

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Amharic - mother tongue

English – proficient

## Certification and Badges

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- Programming Fundamentals | Udacity
- Android Developer Fundamentals | Udacity
- Next-Gen Network Security | IT Masters
- Cyber Threat Management | Cisco Networking Academy
- Endpoint Security | Cisco Networking Academy