



EUSTACHE KATEMBO

SOFTWARE ENGINEER • NAIROBI, KENYA • +254 719405934

• DETAILS •

Nairobi
Kenya
[+254 719405934](#)
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• TECHNICAL SKILLS •

Java
Spring Boot
React
Tailwind CSS
Zustand
PostgreSQL
Docker
AWS
Git/GitHub
Jenkins
Figma
CI/CD
GitHub Actions

• LINKS •

[Portfolio](#)
[GitHub](#)
[LinkedIn](#)

• LANGUAGES •

Swahili (Proficient)
French (Fluent)
English (Fluent)

• PROFILE •

Software Engineer with 3+ years of experience building scalable business applications with Java, Spring Boot, and React. Deliver secure REST APIs, optimize PostgreSQL performance, and deploy containerized services on AWS with Docker. Known for clean, maintainable code and results in Agile teams—improving performance, streamlining releases, and enhancing user experience.

• PROFESSIONAL EXPERIENCE •

Freelance Software Engineer at Self-Employed, Nairobi

Jan 2025 — Present

- Built and launched full-stack applications with Spring Boot and React, improving performance by 30% and supporting scalable growth.
- Developed secure REST APIs using JWT authentication and optimized PostgreSQL queries, reducing query times by 40%.
- Containerized services with Docker to standardize deployments and increase release efficiency by 50%.
- Collaborated with remote clients to define requirements and deliver Agile-based solutions, accelerating delivery timelines by 25%.

Freelance Web Developer, Nairobi

Oct 2024 — Dec 2024

- Developed responsive React components and contributed to Spring Boot APIs, improving load times by 20%.
- Led code reviews, fixed high-priority defects, and improved UI/UX, contributing to a 95% user satisfaction rate.
- Applied Agile practices to sprint planning, testing, and deployments, increasing release frequency by 30%.

• EDUCATION •

Bachelor of Science in Computer Engineering, Official University of Ruwenzori (UOR), Butembo

2018 — 2022

Focus areas: Software Development, Electronics, Systems Design

★ PROJECTS

Job Application Management System

Engineered a backend system with Spring Boot, PostgreSQL, Docker, and OpenAPI, managing applicants, jobs, and applications. Designed using clean relational architecture and RESTful APIs.

Employee Management System

A Spring Boot-based application for managing employees, attendance, payroll, and related operations. This project demonstrates integration with RFID readers via JSerlComm to enable automated check-in and check-out.

★ CERTIFICATIONS

- **AWS Cloud Computing, Nairobi**
Oct 2025 — Present

Acquired expertise in designing, implementing, and managing scalable and secure systems using AWS services, focusing on cloud architecture, deployment, and operations.
- **UX/UI Design Program, Nairobi**
Jun 2025 — Oct 2025

Completed an intensive program at Moringa School & Flatiron School, mastering user experience and interface design principles, and developing skills in creating intuitive, user-friendly designs and prototypes.
- **Professional Foundations, Nairobi**
Jun 2025 — Sept 2025

Graduated from ALX Africa's program, enhancing professional workplace skills such as communication, teamwork, problem-solving, and project management. Gained a comprehensive understanding of effective professional environments.
- **Software Engineering Program, Nairobi**
Jun 2024 — Nov 2025

Completed rigorous training at Moringa School & Flatiron School, gaining hands-on experience in full-stack development, software architecture, and agile methodologies, and building robust applications.

★ ADDITIONAL

- **Interests**

Passionate about Cybersecurity, IoT, and Cloud Computing.