KEVIN MUSEMBI

Software Engineer

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EXPERIENCE

Software Development
Employee Directory / Contact Registry

📅 05/2025 -   📍 Nairobi, Kenya

- A contact registry platform built using Java Spring Boot on the backend and ReactJS on the frontend. Incorporates JPA Hibernate ORM for database operations and JSON Web Tokens (JWT) for authentication.
- Technologies used: Java, Spring Boot, MySQL, ReactJS, Git, REST API, Linux, CI/CD
- https://github.com/K-Musembi/contact_registry

Software Development
SokoPlace E-Commerce - Ongoing Project

📅 04/2024 -   📍 Nairobi, Kenya

- An e-commerce platform built using Java Spring Boot on the backend, and ReactJS on the frontend. It incorporates RabbitMQ for order processing.
- Technology used: Java, Spring Boot, PostgreSQL, ReactJS, Git, REST API, Linux, Docker
- https://github.com/K-Musembi/SokoPlace-Backend

Software Development
AI Machine Learning Disease Prediction System

📅 07/2024 - 04/2025   📍 Nairobi, Kenya

- A web application that uses AI computer vision technology to predict common mango crop diseases, based on uploaded leaf images.
- Technology used: Python, Flask, MySQL, ReactJS, Git, REST API, Google Colab, TensorFlow, Keras, AWS Cloud
- https://github.com/K-Musembi/embe-zuri

EDUCATION

Bachelor of Science in Information Technology
Jomo Kenyatta University of Agriculture and Technology

📅 05/2021 - 01/2025   📍 Nairobi, Kenya

- Software Engineering
- Information Technology
- Artificial Intelligence • Web Application Development

KEY ACHIEVEMENTS

✅ **Web Development**
Successfully implemented a web application that can increase farmer returns through early detection of crop diseases. On-boarded real users to the platform and continued refining the AI model accuracy.

CERTIFICATION

Software Engineering Certification
ALX Africa

Red Hat System Administration I (RH124)
Red Hat Training Institute

SUMMARY

Competent software developer with more than 2 years programming experience. Good understanding of software engineering fundamentals and system design principles. Proven track record of building and deploying web applications. Skills include: Java, Spring Boot, Python, SQL, Linux, Git, CI/CD, Docker, AWS Cloud, DevOps, AI

SKILLS

AWS Cloud · Java · Django · Python · SQL · REST API · Flask · Docker · Spring Boot · JSON · Linux · ReactJS · Git · AI · CI/CD · Jira

LANGUAGES

English
Native
●●●●●

Swahili
Native
●●●●●

FIND ME ONLINE

🌐 **My Portfolio**
https://musembi.me

in **Linkedin**
https://linkedin.com/in/kevin-musembi/

Github
https://github.com/K-Musembi

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@musembi_home

REFERENCES

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