SimonPeter Mwangi

Kisii, Kenya

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Professional Summary

Highly motivated and detail-oriented JavaScript Developer with experience in designing, developing, and deploying robust JavaScript-based web applications, Artificial intelligence and Machine Learning projects. Proficient in building scalable microservices, RESTful APIs, and integrating third-party services. Passionate about writing clean, maintainable code and solving complex problems. Seeking to leverage my skills and contribute to innovative projects in a dynamic team environment.

Education

Kisii University

Bachelor of Science in Software Engineering.

Graduation Year: 2026

Technical Skills

Programming Languages: Java, JavaScript, python

Frameworks & Tools: Spring Boot, Node.js, React, Express, RESTful APIs

Database Management: MySQL, MongoDB

Version Control: Git, GitHub

Build Tools: Maven, Gradle

Testing: JUnit, Mockito

Other Skills: Docker, Postman, , Agile Methodology

Projects

* E-Commerce Backend System
* Developed a RESTful API for an e-commerce platform using Spring Boot and MySQL.
* Implemented user authentication and authorization using Spring Security.
* Integrated payment gateway APIs for seamless transactions.
* Library Management System
* Designed a relational database schema to manage books, users, and transactions.

Main Project Focus

* **Plant Disease Detection System (Ongoing)**
Tech Stack: Python, TensorFlow, Flask, HTML/CSS
* Designed a deep learning model to classify plant leaves as healthy or diseased.
* Integrated with a user-friendly web interface using Flask.
* **Farmers’ Market & Advisory Web App**
Tech Stack: JavaScript, Node.js, MongoDB, Express.js
* Built a MERN stack application to help farmers sell crops and get disease/pest identification assistance.
* Developed REST APIs and real-time data analysis features.

Certifications

 JavaScript Masterclass – Code ACademy

JavaScript Programming Masterclass – Free Code Camp

Languages

English -Fluent

Swahili -Fluent

Soft Skills

* Strong problem-solving and analytical skills
* Excellent communication and teamwork abilities
* Quick learner and self-motivated
* Adaptable to new technologies and frameworks

Interests

* Exploring new technologies and frameworks.
* Contributing to open-source projects.
* Participating in coding challenges and hackathons.