Samora Laurent Mchuma

Software Engineer

Personal details

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Skills

Proficient in HTML, CSS, JavaScript ●●●●●

Proficient in React and Node.js ●●●●●

Experienced in SQL Databases ●●●●○

Experienced in automated testing tools like Jest, & Vitest ●●●●●

Experience with Git, webpack, and other development tools ●●●●○

Development Methodologies: Agile (Scrum) ●●●●●

Languages

English ●●●●●

Swahili ●●●●●

Education

Bachelor of Science in Information System Technology   **Apr 2018 - Apr 2023**
United States International University, Nairobi

Employment

IT and Software development assistant   **Sep 2019 - Sep 2022**
United States International University, Nairobi
- Improved student project completion rates by 20% through React.js, and Node.js implementation.
- Utilized advanced knowledge of HTML, CSS, and JavaScript to develop responsive and user-friendly website layouts for students.
- Developed reusable code and libraries for future use, improving development efficiency and code maintainability.

Software Engineer   **Nov 2022 - May 2023**
KCB Bank Kenya Limited, Nairobi
- Utilize SQL database skills to manage and optimize data storage and retrieval, ensuring efficient and reliable application performance.
- Design and implement highly scalable, testable code, enabling efficient application development and future scalability.
- Collaborate with cross-functional teams to identify and resolve programming bugs, ensuring smooth application execution.

Projects

EGF Scholar Platform (Equity Bank Hackathon Competition)   **Feb 2023 - May 2023**
- Collaborated as part of a team to design and develop the EGF Scholar Platform for the Equity Hackathon Competition.
- Developed a web-based solution for Equity Bank alumni to update contact info, chat with friends, access news, and join events.
- Deployed Azure backend, and utilized Azure MongoDB to manage data. Integrated chatbot with machine learning for Equity scholars to ask questions about Equity and the application process.

SemaSenti (Ongoing)
Building a web-based Swahili sentiment analysis and predictive modeling platform to help businesses analyze customer sentiment expressed in Swahili, particularly in Kenya and Tanzania.
- Utilizing React.js, Chakra UI, and Sass for front-end development.
- Implementing Node.js for backend development.
- Utilizing Python for machine learning algorithms and sentiment analysis.
- Planning to integrate Amazon RDS or a similar database solution for data storage and management.

Certificates

Meta Front-End Developer Professional Certificate.   **2023**

IBM Full Stack Software Developer Professional Certificate.   **2023**