Brian Mawira

Software Developer

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📍 Nairobi, Kenya

📅 October 27th, 1997

🏳 Kenyan

⚥ Male

in brian_mawira

○ RodgersBRY

PROFILE

Driven and versatile software engineer with a proven track record in both large corporate environments and dynamic startup settings, offering an extensive background in web and mobile development. With four years of hands-on experience, I possess a deep understanding of cutting-edge technologies and frameworks. From crafting seamless user experiences to optimizing complex back-end systems, my passion lies in creating innovative solutions that exceed expectations. Committed to staying at the forefront of the rapidly evolving tech landscape, I thrive in collaborative teams and excel at translating complex concepts into actionable code. With a keen eye for detail and a relentless drive for excellence, I consistently deliver robust and scalable software solutions that elevate user satisfaction and drive business growth

PROFESSIONAL EXPERIENCE

February 2024 – present
Nairobi, Kenya

Washington State University - GH Kenya, Software Developer ⬈
In WSU, I am dedicated to building innovative software solutions for our organization and various stakeholders. Currently, I am leading a significant project in collaboration with the CDC and the DVS to develop a cutting-edge bio-surveillance system.
My day-to-day responsibilities include conducting progress meetings with stakeholders, engaging in bi-weekly development and testing sessions with selected users.
Beyond my technical duties, I am also committed to nurturing the next generation of software developers. I mentor an intern, providing guidance and support to help him grow into a proficient and confident software developer.

February 2023 –
February 2024
Nairobi, Kenya

Kenya Bureau of Standards, Systems Developer ⧉

As a key contributor within the organization, I spearheaded the development of a highly acclaimed mobile application (KEBS Official App) that revolutionized permit verifications and streamlined internal operations. Leveraging my expertise in mobile development, I designed and implemented the intuitive and robust app that seamlessly integrated with existing systems, enhancing efficiency and accuracy. Additionally, I played an integral role in the development of the widely adopted KEBS KIMS system, a game-changing platform that empowered manufacturers nationwide to effortlessly apply for permits while enabling employees or officers to efficiently review those applications.

July 2021 –
February 2023
Nairobi, Kenya

East African Data Handlers, Android Developer ⧉

One notable project I played a pivotal role in is a game-changing Financial Management Application, empowering users to effortlessly monitor their income and expenses. Leveraging the power of machine learning, the app intelligently categorizes transactions and unveils insightful financial patterns, helping users gain a deeper understanding of their spending habits. Utilizing a diverse range of technologies, we ensured a seamless user experience. This remarkable application is set to delight both Android and iOS users, providing a comprehensive financial management solution that truly empowers individuals to take control of their financial well-being.

EDUCATION

2016 – 2021
Nairobi, Kenya

Jomo Kenyatta University of Agriculture and Technology,
Bsc. Computer Science
In collaboration with a fellow classmate, I embarked on an exciting venture to create a web application dedicated to supporting final and senior year students throughout their project journey. Our primary goal was to streamline the process of finding suitable supervisors by implementing an intelligent matching algorithm. Leveraging this algorithm, students were automatically paired with compatible supervisors from a comprehensive list of lecturers within their respective institutions. Going beyond expectations, we integrated an API that continuously fetched real-time news updates related to technology, ensuring users remained up-to-date with the latest industry developments.

SKILLS

Mobile Development — Flutter & Dart • **Web Development** — HTML, CSS & JavaScript •
Frontend Development — Vue.JS, TailwindCSS, VuetifyJS, Bootstrap • **Backend Development** —
NodeJS and Express • **Relational Databases** — PostgreSQL, MySQL • **NoSQL Databases** —
MongoDB • **Version Control Systems** — Git , GitHub & GitLab •
Agile Software Development Methodologies •
Strong background in Data Structrures and Algorithms

PROJECTS

January 2024 – May 2024	**Buma Properties,** Property Management System An advanced web application designed to manage rental properties. This system allows owners to seamlessly add properties and their respective units. Owners can also add tenants, assign them to units, and deactivate them when they move out. The application allows owners to generate and manage invoices for tenants. They have the flexibility to print these invoices or send them directly to tenants' emails, based on their preference. The system also generates detailed reports on income from tenants, offering valuable insights into rental revenues.
August 2022 – January 2023	**Student's Portal** This is a web application to manage lecturers and student enrolments across various courses. This system features a Vue.JS frontend, enhanced by Vuetify for modern and appealing styling.The backend infrastructure is powered by NodeJs and Express, ensuring efficient and scalable server-side operations. All data is securely stored in MongoDB. For deployment, I utilise DigitalOcean's cloud servers, leveraging a Linux server configured to run nginx. This setup guarantees a high-performance, stable, and secure environment for our application.

REFEREES

Kadenge Wa Yaa, *Senior Software Developer,* Washington State University - GH Kenya
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Valerie Kerubo, *Senior Systems Developer,* Kenya Bureau of Standards
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Paul Gatheru, *Project Manager,* East African Data Handlers
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