

Ian Muchesia

Software Developer

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🌐 <https://ian-muchesia.vercel.app>

Summary

Driven full-stack developer with a knack for transforming complex visions into impactful software solutions. My passion lies in bridging the gap between user needs and technology, crafting elegant front-ends and robust backends with equal enthusiasm. Fluent in TypeScript, React, Python, Node.js, FastAPI, and Express, I leverage my diverse tech arsenal to build efficient and creative applications. PostgreSQL expertise allows me to ensure data integrity and security. Staying ahead of the curve is a constant pursuit, as I actively seek out emerging technologies to elevate my work and deliver high-quality solutions that make a difference.

Skills

- Javascript
- Typescript
- Node.js
- React
- Python
- Git and Github
- Next.js
- PostgreSQL

Experience

● Freelance Software Developer - Vigilant Rides Project (August 2023-November 2023)

As a proactive contributor, I played a pivotal role in transforming Sacco operations through the development of Vigilant Rides. By spearheading the creation of a comprehensive platform, I empowered Saccos to effortlessly record and manage vehicle complaints and streamlined drivers' registration payments through the integration of MPesa Daraja API. Additionally, my leadership in designing sacco-specific dashboards, along with an administrative dashboard for administrators, significantly enhanced operational efficiency, transparency, and overall organizational effectiveness.

● Freelance Software Developer - Land Listing Project (July 2023-August-2023)

Instrumental in the creation of a dynamic land listing platform, I designed and developed a seamless experience for users using Next.js and TypeScript for the frontend and Node.js with MongoDB for the backend. This platform facilitates direct communication between buyers and sellers, enabling the showcasing of land listings. Notably, I crafted an efficient administrative dashboard with React and Tailwind CSS, empowering administrators to manage listings, adjust prices, make updates, and monitor user interactions. This strategic initiative enhances operational efficiency and user experience, fostering effective communication and transaction management on the platform.

● Personal Project- RepairConnect Project(June 2023-present)

I conceived and developed RepairConnect, a transformative web platform connecting customers with repair shops for efficient e-waste management. This initiative enables customers to choose repair services, engage in real-time chats, and request quotes. I implemented a bid system, offering repair shops the ability to provide quotes, enhancing customer choices. The platform also incorporates a stringent account opening process for repair shops, ensuring service quality and credibility. The concept design applied to the company's website has been sustained successfully.

Education

Maseno University

2017-2022

- Bachelor of Science(Mathematics)

Mount Kenya University-Mombasa

2022-2024

- Diploma in Information Technology

Links

LinkedIn

- www.linkedin.com/in/ian-muchesia

Github

- <https://github.com/ianMuchesia>

Portfolio site

www.ian-muchesia.vercel.app