

Njue Macmillan Munene

Software Developer

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<https://github.com/munene-m>

Ambitious software engineer with a focus on full-stack development.

EXPERIENCE

Back-end Software Engineer - Songa

August 2023 - Up to Date

- Architected and implemented a scalable and efficient back-end infrastructure for the Songa Ride booking apps, optimizing performance and reducing latency by 80%.
- Spearheaded the transition from Firebase Cloud Messaging to Web sockets for handling notifications, reducing delays and resulting in instant delivery of notifications to the user facing apps.
- Implemented real time location updates for riders using caching mechanisms to ensure rider location is updated as they move between picking points.
- Streamlined the ride booking process by implementing algorithms to recommend the perfect rider for each user thus increasing user satisfaction.

Software Developer - Freelance

January 2020 - Up to Date

1. [Kipaji Social](#) - A social platform for football fans and clubs in Kenya that offers fan tokens in the form of cryptocurrencies. It is a progressive web application which I built using Vue.js and consuming [Benkiko APIs](#). I translated figma design mock-ups into responsive and pixel perfect front-end code.

2. [Mobile Eats](#) - A food delivery progressive web application. I collaborated closely with the design team to transform wire-frames into interactive web interfaces that met client needs while adhering to web best practices.

3. [SportyPredict](#) - A sport prediction web application where I worked on the back-end which mainly involved developing and integrating business logic that powered the prediction platform. This involved creating a robust authentication system and designing and implementing the database architecture to handle CRUD(Create, Read, Update, Delete) operations

Education

Bachelor of Business Information Technology

Cooperative University of Kenya

September 2019 - April 2023

Skills

Languages

Javascript, Typescript

Tools and technologies:

Node.js, Vue.js, Express, Nuxt, MongoDB, PostgreSQL, Firebase, Redis, Git, GitHub, Docker