

# Njue Macmillan Munene

Software Developer

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

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Ambitious Full-stack software developer with a focus on back-end development.

## EXPERIENCE

### Back-end Software Engineer - Songa

August 2023 - October 2023

- 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

1. [Kipaji Social](#) - A social platform for football fans and clubs in Kenya that offers fan tokens in the form of cryptocurrencies. I built it using Vue.js consuming [Benkiko APIs](#).
2. [Mobile Eats](#) - A food delivery progressive web application. Restaurants can create profiles and have their own riders to deliver food to their customers. I was

involved in both front-end and back-end development to ensure a cohesive user experience and client satisfaction.

3. [Mobile Eats server](#) - I developed the back-end server for mobile eats web application mentioned above which involved user authentication and authorization, push notifications, order processing, payments integration and several other features.
4. [SportyPredict](#) - A sport prediction web application where I worked on the back-end mainly involving authentication and CRUD operations for the sport predictions. I used Node.js, express and Mongo db for the server in this project.
5. [Farid creations server](#) - Back-end server for a client's web application that has e-commerce features, user authentication and authorization, role based access and M-pesa payment integration. I implemented secure authentication, role based access and seamless integration with M-Pesa for convenient payment options.

## 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, Typescript, Nuxt, MongoDB, PostgreSQL, Redis, Git, GitHub, Docker