

# Songezo Mtengwana

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## EDUCATION

### Sakhululeka Senior Secondary School

*National Senior Certificate*

Fort Beaufort, EC

*Jan. 2018 – Dec 2022*

## EXPERIENCE

### Junior Software Engineer

*Younglings Africa — UVU Africa*

Feb 2023 – Feb 2024

*Cape Town, WC*

- Collaborated closely with cross-functional teams, including back-end developers and UI/UX Designers to ensure project milestones were met in a timely manner°
- Developed a full-stack web application using MongoDB, React, Vercel PostgreSQL and Docker for client that sells bread cutting machines
- Explored ways to visualize GitHub collaboration in a professional setting
- Leveraged React and Angular 16, 17 for dynamic front-end design, implementing custom styled components and SCSS for redefined user experiences, Utilized SQL and MongoDB for the back-end and database respectively

### Junior Software Engineer

*Proficient Business Management Services*

May. 2023 – Oct. 2023

*Cape Town, WC*

- I was part of a team that was responsible for engineering and maintaining the company's web and mobile applications.
- We utilized technologies like ReactJS and React for the companies main websites for clean user interfaces and smooth browsing for potential clients.
- We also utilized programming languages like Kotlin and Jetpack Compose for developing the Android application as I was involved with its development mostly

## PROJECTS

### Unmatched Creatives | *Angular 16, ExpressJS, NodeJS, MongoDB*

June May 2022 - Nov 2022

- Developed a full-stack web application using with ExpressJS serving a REST API with Angular 16 as the front-end
- Implemented Auth0 for authenticating user accounts

### SAMS | *React Native, Firebase, Firebase Storage, Firebase Authentication*

April 2023 – Oct 2023

- Developed a cross platform react native mobile application utilizing Firebase's services
- Also implemented Firebase's authentication services to authenticate users and Firestore to keep track of the users data

### MuniFix Backend API System | *NodeJS, ExpressJS, MongoDB, Auth0*

Sep 2023 – Nov 2023

- A fully scalable API system built using NodeJS and ExpressJS utilizing MongoDB as a database store all the API's documents
- Utilized other dependencies like JOI and Mongoose for validating data before insertion to the database collection

## TECHNICAL SKILLS

**Languages:** Kotlin, JavaScript, TypeScript, SQL (Postgres), HTML/SCSS, Jetpack Compose, React Native

**Frameworks:** React, NodeJS, Jest, Material-UI, Angular 15+

**Developer Tools:** Git, DevOps, Google Cloud Platform, VS Code, Visual Studio, IntelliJ, Android Studio

## CERTIFICATIONS

### Udemy Kotlin Masterclass Course | *Click to view*

March 2023

- Completed a Android Development Course by Abbass Masri where I learnt about the android lifecycle how to build android mobile application utilizing both XML and Jetpack Compose for designing the user interface. I also learnt what best practices there are for developing clean architecture apps that are easily maintainable