

# Isaiah Mwinga

Experienced fullstack software engineer focused on building accessible products for the web

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## Relevant Experience

### Backend Engineer

**Dowell's Living Lab** March 2023 — December 2023

- Developed a bot to detect and create issues for license compatibility in repositories, notifying contributors via email, improving compliance.
- Led the creation of a library to check library compatibility issues, automating notifications to repository subscribers, enhancing codebase reliability.
- Contributed extensively to the development of an API model for Face ID detection and validation, ensuring high security and accuracy.
- Implemented and optimized GitHub workflow actions for the License Library, streamlining the CI/CD process.

### Backend Engineer

**MarketForce** January 2022 — Dec 2022

- Played a pivotal role in the backend development of the RejaReja app, designing scalable APIs that enabled seamless communication between the app's front-end and back-end components.
- Collaborated with the product team to optimize app functionality, resulting in increased user satisfaction.

### Software Engineer

**Meliora Technologies** April 2022 — October 2022

- Contributed to the development of a Service Delivery Platform using Angular and Java, streamlining the software development process and reducing delivery times.
- Planned, designed, and implemented robust application features, ensuring high code quality and functionality.
- Conducted thorough testing and maintained code integrity throughout the development cycle, reducing bug incidence.

## Skills

### Programming Languages

JavaScript, Python, Golang

### Libraries & Frameworks

React, Django, FastAPI, Flask, Tailwind, CSS, HTML

### Tools & Platforms

Git, GitHub, Netlify, Vercel, Heroku, Docker, PostgreSQL, MySQL

## Selected Projects

### Sentiment Analyzer App

*Final Year Project*

- Developed a machine learning-based application to analyze and predict customer sentiment from online reviews.
- **Tech Stack:** Python, FastAPI, Vue.js, Machine Learning

### Restaurant API

- Created a robust API for restaurant management using Python and FastAPI, facilitating efficient operations.
- **Tech Stack:** Python, FastAPI

## Education

Kabarak University  
Bachelor of Science in Computer Science