MERCY NJAMBI KARITU

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SUMMARY

I am an ambitious, fast-learning, and detail-oriented full-stack developer with a passion for building impactful applications. I am driven by the desire to create seamless user experiences and robust backend systems, aiming to leverage technology to solve real-world problems and drive innovation.

TECHNICAL SKILLS

Python with Flask
SQL,
JavaScript
React
Tailwind CSS

TECHNICAL PROJECTS

Inventory Management system - Github

The Inventory Management System is a command-line application designed to manage inventory items, categories, suppliers, customers, and orders. The application is built using Python and leverages SQLAlchemy for database interactions and Click for creating the command-line interface (CLI)**.**

- **Developed** the command-line interface using Click, streamlining user interactions.
- **Integrated** SQLAlchemy for seamless database interactions, ensuring efficient data storage and retrieval across all inventory components.

Ladha - Github | Demo

Ladha is a user-friendly web application designed to help users discover, view, and manage recipes. Users can search for recipes, view detailed instructions, and favorite their preferred recipes.

- **Fetched** data from the mealdb API, enabling dynamic content updates and real-time recipe searches, resulting in faster load times and more accurate search results.
- **Designed** the frontend interface, ensuring an intuitive and visually appealing user experience that increased user engagement.

MY VOTE MY CHOICE

The app allows users to securely register to vote, view candidate profiles, cast votes, and view election results. The application includes a basic admin panel for managing candidates and election data, and incorporates a facial recognition system for enhanced security.

EDUCATION

BACHELOR OF SCIENCE IN STATISTICS   **September 2022 - April 2026**
University of Nairobi

SOFTWARE DEVELOPMENT   **February 2024 - November 2024**
Moringa school

KCSE
Chogoria Girls' High School scored A- 77 points   **January 2018 - April 2024**