



NICHOLAS MURIMI

FRONTEND DEVELOPER

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EDUCATION

- 2021 - 2025
UNIVERSITY OF EMBU
- Bsc. Computer Science

SKILLS

- **Languages:** JavaScript, TypeScript
- **Frameworks:** React, TailwindCSS, Next js, Redux
- **State management:** Redux Toolkit, Context API
- **APIs:** RESTful APIs, Axios
- **Tools:** Git, GitHub, VS Code

PROFILE

I build responsive and user-friendly interfaces that meet real user expectations, following a "design for failure" approach to ensure reliability and resilience. I translate UI designs into pixel-perfect interfaces, ensuring high visual accuracy and consistency. I leverage TypeScript to catch bugs early in development, resulting in cleaner, safer, and more maintainable code.

PROJECTS

- **Pregnant Mother Monitoring System** JAN 2025
Stack: React, TailwindCSS, TypeScript, Flask, MongoDB
 - A full-stack web application designed to **empower pregnant women** to monitor their own health and that of their unborn babies by tracking vital health metrics. The system interprets this data in real-time, provides clear insights, and advises the mother to seek medical attention if any warning signs are detected – **potentially helping reduce maternal risk by up to 60% in underserved areas.**

Key Features

 - **Health Tracking:** Allows mothers to record and monitor weight, blood pressure, symptoms, and more.
 - **Automated Health Insights:** Interprets input data and presents it in a simple, visual way to help mothers understand their status.
 - **Smart Risk Alerts:** Warns the mother if any metric indicates potential danger and recommends medical attention.
 - **Chat with doctors:** Optional communication channel for mothers to ask questions or consult a healthcare provider.
 - **Secure Signup:** Separates registration for mothers and doctors, with role-based dashboards.

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REFERENCE

References Available Upon Request