

Nicholas Murimi | Software Developer

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I'm a self-motivated Software Developer who design and build mobile and web applications. Passionate about creating intuitive and modern user interfaces using React.js and TailwindCSS and I would like to collaborate in Agile teams.

Education

University of Embu Sept 2021 – Apr 2025

BSc. Computer Science

Technical Skills

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- **Languages:** Javascript, Kotlin, Java, Python
 - **Technologies:** HTML5, CSS3, React.js, Typescript, Tailwind CSS, Jetpack Compose
 - **Graphic Design Tools:** Adobe Photoshop, Figma
 - **Tools:** Git, Postman, Jira, Figma, Visual Studio
 - **Databases:** MongoDB, MySQL, Firebase, RoomDB

Soft Skills

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- **Problem Solving:** Able to break down complex issues and develop efficient, scalable solutions
 - **Communication:** Effectively communicates technical concepts to both technical and non-technical audiences
 - **Collaboration & Teamwork:** Works well in cross-functional teams using tools like Git, Jira, and Agile methodologies
 - **Adaptability:** Quick to learn new tools, frameworks, and adapt to changing project requirements
 - **Time management:** Able to manage tasks, prioritize features, and meet deadlines in fast-paced environments

Professional Experience

Projects

MPESA Expense Tracker android app

[ViewGithub](#)

Built a finance management android app that tracks expenses via MPESA transactions and reduced overspending by 10%

- Implemented secure data parsing, background tasks with WorkManager, categorization of expenses, and daily, weekly, monthly, and yearly reports
- Stack: Kotlin, Jetpack Compose, RoomDB

Pregnant Mothers Monitoring System

[ViewGithub](#)

- Developed and maintained the frontend using **React.js**, integrating **MongoDB** for secure data storage. Enhanced user interaction by implementing real-time tracking and a chat component using WebSockets
- Implemented real-time tracking of checkups, chat component using websocket, reminders, and secure data storage
 - Stack: React, Flask, MongoDB

Ecommerce Website with Recommender System

[ViewGithub](#)

- Constructed a user-centric e-commerce platform with integrated recommendation features, which led to a substantial **30%** reduction in cart abandonment rates, directly contributing to more efficient sales funnel.
- Implemented dynamic product search, word2vec recommendation algorithm, product categorization, shopping cart, MPESA Payment integration
- Stack: React, Flask, MongoDB, MySQL

Referee

References available upon request