

# Nicholas Murimi | Software Developer

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Self-motivated Software Developer with 2+ years of experience in designing and building mobile and web applications. Passionate about creating intuitive and modern user interfaces jetpack compose and React.js and collaborating in Agile teams.

## Education

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**University of Embu** Sept 2021 – Apr 2025

BSc. Computer Science

## Technical Skills

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- **Languages:** Java, Kotlin, JavaScript, Python
  - **Technologies:** Jetpack Compose, HTML5, CSS3, React.js, Typescript, Tailwind CSS
  - **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

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References available upon request