# Mercy Mwikali

mwikalimercy50@gmail.com • [LinkedIn](#) • [Portfolio](#) • [Github](#) • Tel:  (+254)-708-451-590

## PROFESSIONAL SUMMARY

Hello! I'm Mercy, a passionate software engineer dedicated to crafting impactful web applications and intuitive user interfaces. My journey in technology began as a data analyst, where I discovered my affinity for visualizing data using tools like Tableau and Power BI. This foundational experience deepened my expertise in Python and SQL, laying the groundwork for my transition into software development. Over the past 2 years, I've immersed myself in full-stack development, creating dynamic, user-centric applications. I am now eager to bring my skills to a progressive organization where I can continue learning, collaborate with talented peers, and drive meaningful innovations.

## SKILLS AND TRAINING

**Programming Languages**: Python, JavaScript, HTML, CSS, SQL
**Databases**: PostgreSQL, MYSQL,  MongoDB
**Libraries & Frameworks**: Flask, jQuery, React, Vue, Express, NestJS, Bootstrap, MaterialUI
**Tools & Technologies**: Git, GitHub, Postman, REST APIs, GraphQL APIs, Agile methodology
**Testing**: Jest, Mocha
**Additional Skills**: Documentation, Technical Support, Troubleshooting

## RELEVANT PROJECTS

**Full Stack Application:Crowriter-App**                                                                      March 2024
*Technologies used: React, Node.js, PostgreSQL*

- Crowriter-App revolutionizes freelance project management by providing a seamless platform for writers. Utilizing Redux Toolkit for state management and robust user authentication, we achieved a 20% increase in user engagement within the first month. The platform enables clients to post jobs, track progress, and manage payments securely with role-based access controls for admins and managers.

**Full Stack Application: *HMIS***                                                                                July 2023
*Technologies used: React (client-side), C# (backend)*

- HMIS streamlines hospital operations by accelerating patient treatment processes and delivering actionable insights for enhanced management. By leveraging Redux Toolkit, we reduced data entry time by 30%, significantly boosting staff productivity while ensuring secure data access restricted to authorized personnel.

**Full Stack Application: *Jali Store***                                                                       October 2023
*Technologies used: React Native (UI), NestJS (backend), MongoDB*

- Jali Store is a cross-platform e-commerce solution for beauty products, developed with React Native for seamless usability across Android and iOS devices. Serving over 10,000 users, the app has garnered 100,000 profile visits and numerous item-to-cart saves, highlighting its user-friendly design and widespread appeal.

## EDUCATION

**Machakos University - *B.Sc. in Telecommunication Engineering***

During my studies, I focused on CRUD functionalities, Object-Oriented Design, and test-driven programming, which I demonstrated through various portfolio projects.

**Zalego college -** Certificate in CyberSecurity.