

Mercy Mwikali

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PROFESSIONAL SUMMARY

Hello! I'm Mercy, a software engineer with a genuine passion for creating web applications and user interfaces. My journey into tech began as a data analyst, where I discovered my love for data visualization using tools like Tableau and Power BI. This experience honed my skills in Python and SQL, paving the way for my transition into software development. Over the past 2 years, I've delved into full-stack development, building dynamic and engaging web applications. I'm now eager to join a forward-thinking organization where I can continue to learn, collaborate with a talented team, and make a significant impact.

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

- Imagine a place where freelance writers can seamlessly manage their projects and payments. That's what the Crowriter-App does. By incorporating the Redux Toolkit for state management and robust user authentication, we saw user engagement soar by 20% in the first month. Clients can post jobs, track progress, and handle payments effortlessly, with secure access controls for admins and managers.

Full Stack Application: HMIS

July 2023

Technologies used: React (client-side), C# (backend)

- The HMIS project was all about making hospital operations smoother and faster. With a system that speeds up patient treatment and offers insightful data for better management, we reduced data entry time by 30%, significantly boosting staff productivity. The app uses the Redux Toolkit for state management, ensuring only authorized personnel can access sensitive information.

Full Stack Application: Jali Store

October 2023

Technologies used: React Native (UI), NestJS (backend), MongoDB

- Developing Jali Store was an exciting challenge. This e-commerce platform for beauty products was designed with React Native to ensure it works perfectly on both Android and iOS devices. Today, it serves 10,000 users and boasts 100,000 profile visits and numerous item-to-cart saves, proving its usability and popularity.

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.