Mercy Mwikali

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PROFILE SUMMARY

- Hello, I'm Mercy, a passionate and dedicated software engineer focused on developing web applications and creative User Interfaces. I bring 2 years of professional development experience and 4 years of overall software experience to the table. My journey began as a data analyst, where I honed my skills in data visualization with tools like Tableau and Power BI, and developed proficiency in Python (using Pandas and Numpy libraries) and SQL for database management.
- This sparked my interest in software development, leading me to explore full-stack development and build small business websites using HTML, CSS, and JavaScript. Currently I'm looking to join a progressive organization like Triply as an Intern, where I can continue learning, collaborate with a dynamic team, and apply my skills to make a meaningful impact.

SKILLS AND TRAINING

Programming Languages: Python, JavaScript, HTML, CSS, SQL, PostgreSQL, MongoDB
Libraries & Frameworks: Flask, jQuery, React, Vue, Express, NestJS, Bootstrap, MaterialUI
Tools & Others: Git,GitHub, Documentation, Postman, REST API's & GraphQL APIs, Bug Fixes, Technical Support & TroubleShooting and Agile methodology for project management
Test Libraries: Jest & Mocha

RELEVANT PROJECTS

Full Stack Application:Crowriter-App   March 2024
Technologies used in Development: React, Nodejs and PostgreSQL

- The Online Writers Freelance Portal simplifies academic freelance work management, providing an efficient platform for writing projects and payments. With Redux Toolkit for app state management and user authentication, it boosted user engagement by 20% within the first month post-launch.
- Clients can now post jobs, ensure timely completion, and handle payments seamlessly within the system, with access restrictions for admins and managers.

Full Stack Application: *HMIS*   July 2023
Technologies used in Development: React for client side and C# for backend

- The HMIS application is a hospital solution that streamlines hospital operations by expediting patient treatment, and offers valuable data insights for enhanced management. The app has decreased data entry time by 30%, boosting staff productivity.
- Similarly this app also leverages Redux Toolkit for comprehensive state management. It incorporates user authentication and authorization features, with access restricted to admins and managers.

Full Stack Application: *Jali Store*   October 2023
Technologies used in Development: React Native for User Interface and NestJS for backend , mongoDB

- The app is an e-commerce platform for ladies' beauty products, developed using *React Native* to ensure accessibility and usability on both Android and iOS devices. Currently, the platform serves 10,000 users and has achieved 100,000 profile visits and item-to-cart saves.

EDUCATION

Machakos University – B.Sc. in Telecommunication Engineering. Completed courses focused on CRUD functionalities, Object-Oriented Design, and test-driven programming, showcased through portfolio projects.

Zalego college - Certificate in CyberSecurity.