

Mercy Mwikali

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SKILLS AND TRAINING

Languages: Python, JavaScript, PHP, HTML/CSS, SQL, PostgreSQL

Libraries & Frameworks: Flask, jQuery, React, Flutter, Laravel, Bootstrap, MaterialUI

Technologies & Other: Git, GitHub, Documentation, Postman, REST API's, Bug Fixes, Technical Support & Troubleshooting

RELEVANT PROJECTS

Full Stack Application: Crowriter-App

March 2024

Technologies used: React, Nodejs and PostgreSQL

- The Online Writers Freelance Portal streamlines academic freelance work management, offering an efficient platform for writing projects and payment handling.
- User engagement increased by 20% within the first month post-launch. The app uses Redux Toolkit for state management and features user authentication and authorization, restricting access to admins and managers.

Full Stack Application: HMIS

July 2023

Technologies used: React for client side and C# for backend

- The HMIS application streamlines hospital operations, expedites patient treatment, and offers valuable data insights for enhanced management. It has decreased data entry time by 30%, boosting staff productivity.
- 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: Flutter and Laravel Php

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

RELEVANT EXPERIENCE

Artemis Solutions

September, 2019

Machakos

- As an associate engineer, I revamped the database using MySQL, increasing customer satisfaction by 88%. I also launched a new admin panel in Python, boosting performance by 69%.

Legacies Website

Remote

January 2024

- The Legacies Systems Website was an exciting freelance project where I helped a new company establish a strong online presence. Collaborating with an enthusiastic client, I designed and developed a website that effectively showcased their brand and captured their vision.

EDUCATION

Machakos University – Bachelor of Science in Telecommunication Engineering. During my studies, I completed various courses that enabled me to learn, build, and demonstrate expertise through comprehensive portfolio projects utilizing CRUD functionalities, Object-Oriented Design, and test-driven programming.