Moses Mutisya

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Experience Summary

Software Developer with practical experience in both frontend and backend development. Skilled in creating responsive web applications using React.js, HTML, CSS, Python, and Flask. Experienced in website management, data entry, and cross-functional collaboration through client-facing and academic projects.

Key Strengths & Competencies

- **Full-Stack Web Development:** Skilled in building responsive applications using React.js for frontend and Flask/Python for backend, ensuring seamless integration of UI/UX with data handling.
- **Content Management Systems (CMS):** Proficient in managing, customizing, and maintaining WordPress websites and Shopify stores, improving SEO and site performance for clients.
- **Database & API Management:** Experienced in implementing REST APIs and handling backend data structures using MySQL and Object-Oriented Programming (OOP) principles.
- **Technical Troubleshooting:** Demonstrated ability to provide routine maintenance, plugin integration, and performance improvements for diverse client platforms.

Project Summaries

Rutere Realty | *rutererealty.com* / *GitHub Link*

Engineered a scalable full-stack real estate platform designed to bridge property owners with potential tenants in Nairobi. The system features a dual-interface architecture: a responsive public-facing portal for property discovery and a secure, private administrative dashboard for business operations.

- **Property Management System:** Developed a robust CRUD (Create, Read, Update, Delete) backend allowing admins to manage listings with high-resolution image uploads, detailed descriptions, and categorization by neighborhood (Karen, Westlands, Kilimani).
- **Client Engagement:** Integrated a direct inquiry system linking property pages to admin notifications and a newsletter subscription service to capture lead data

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- **Tech Stack:** React (Vite) for high-performance rendering, Tailwind CSS for responsive styling, Python (Flask) for backend logic, SQLAlchemy for ORM, and MySQL for data persistence.

Hospital Management System (MedCore)
|https://hospital-management-system-hms-pi.vercel.app/ / *GitHub Link*

Designed and built an end-to-end healthcare facility management system handling the complete patient lifecycle—from registration and triage to diagnosis, treatment, and discharge.

- **Advanced Financial Module:** Implemented a complex split-billing system capable of handling multi-payer scenarios (Insurance/SHIF co-payments vs. Cash/M-Pesa) with automated invoicing and PDF receipt generation.
- **Clinical Operations:** Created a **Visual Ward Management** feature for real-time tracking of bed occupancy and patient status, alongside **Smart Safety Checks** that prevent prescription dispensing if required lab results are pending.
- **Inventory & Security:** Engineered a FIFO (First-In-First-Out) pharmacy inventory system to reduce wastage and established strict Role-Based Access Control (RBAC) across 7 distinct user tiers to ensure patient data privacy.
- **Tech Stack:** React.js, Flask, PostgreSQL/MySQL.

Bank Management System | https://bank-management-system-indol.vercel.app/ /*GitHub Link*

Collaborated in a team to build a full-stack banking web application. Focused on UI/UX design and integrating frontend components with backend APIs.

- **Tools:** React.js, Flask.

Work Experience

Frontend Developer (Contract) | *Jenga App, Nairobi Jan 2026 – Present*

- Spearheading the complete frontend revamp of the Jenga App, a digital tool designed to assist users in managing construction projects.
- Refining the user interface (UI) to improve accessibility and streamline the user journey for project tracking and resource management.
- Collaborating closely with designers and the backend team to ensure a polished visual aesthetic, maximum responsiveness, and seamless data integration.

Freelance Web Manager | *Self-Employed, Nairobi 2024 – Present*

- Managed and updated websites for various clients, including Hotstep Holdings Ltd, ensuring up-to-date content and functionality.
- Provided routine maintenance, plugin integration, and customizations on WordPress platforms to enhance site performance.
- Improved SEO and responsiveness across client websites to increase visibility and user retention.
- **Achievement:** Successfully delivered client-requested features and design updates with minimal supervision.

Website Manager | *Tauri Dynamics, Nairobi Jan 2024 – April 2025*

- Customized and managed the company's WordPress website, significantly improving layout and plugin utilization.
- Handled Shopify store updates, including product uploads and visual customizations, ensuring an accurate digital catalog.
- Worked closely with clients like Kenya Association of Air Operators (KAAO) and Jackfruit Finance to address technical issues and implement updates.
- **Achievement:** Gained hands-on experience in client communication and digital platform management.

Data Entry & Campaign Assistant | *Aquila Kenya, Nairobi On-call (2025)*

- Supported marketing efforts through accurate and timely data entry for high-volume campaign lists.
- Assisted in organizing lead data and preparing digital records used in promotional activities.
- **Achievement:** Maintained data integrity during high-pressure campaign rollouts.

Education

Software Development Certificate Moringa School | 2024

Additional Information

- **Technical Skills:** JavaScript, Python, HTML, CSS, Tailwind CSS, Bootstrap.
- **Tools & Platforms:** Git, VS Code, WordPress, Shopify.
- **Other:** REST APIs, Responsive Design, Data Entry.

Referees

Anthony Kikolya CTO, Tauri Dynamics 0702983821