

EMMANUEL LEAKONO

Software Developer

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SUMMARY

Junior Developer with Extensive Full Stack Development Training at Moringa School and Real World Project Experience Skilled in frontend and backend technologies (React, Flask, PostgreSQL & JavaScript), building responsive web applications with a user-oriented focus, Effective RESTful APIs with JWT authentication for role-based authorization Expert in database designing, query optimization and 3rd party services integration. Experienced with Agile team work, version control GIT and writing clean, maintainable code. Possessing problem solving skills, detail orientation and a dedication to result oriented high quality sustainable solutions. Motivated to meet with new challenges, learn continuously and serve the innovative projects that fit with fast changing business requirements.

SKILLS

- JavaScript
- React.js
- Python
- Flask
- HTML5
- CSS
- SQL(PostgreSQL,SQLite3)
- Git & Github
- Problem solving
- Collaboration

Projects

[FinTrack - Demo](#) [Github](#)

The financial management tracker project helps users manage their finances effectively, featuring tools for tracking income and expenses, creating budgets, and analyzing spending patterns. With a user-friendly interface and secure authentication, the application employs data visualization tools to present financial data clearly. Utilizing Flask for the backend and React for the frontend, the goal is to empower users to make informed financial decisions and improve their overall financial health.

[Asset Inventory - Demo](#) [Github](#)

The Asset Inventory system streamlines organizational asset management by enabling users to securely add, update, and delete asset information. With role-based permissions, the system ensures that different user types, such as admins and employees, have appropriate access levels. The backend, built with Flask, provides robust data management and secure user authentication, while the React frontend offers a responsive, user-friendly interface for efficient navigation and asset organization. This integrated system enhances data accuracy and control, supporting efficient asset tracking and management.

[TaskMaster - Demo](#) [Github](#)

The Taskmaster app is a collaborative task management tool that allows users to create and assign tasks to their friends. Upon assignment, friends receive notifications about their new tasks. Users can easily organize their tasks using a drag-and-drop interface to move tasks between "To Do," "In Progress," and "Completed" categories. The app requires user authentication for secure access and is built using React for the frontend and Flask for the backend, ensuring a seamless and interactive user experience.

EDUCATION

Moringa school | Nairobi
Software engineering
February 2024 -November

PLP Academy | Nairobi
Software Development and Mobile Application
November 2024 - February 2025