Isaac Bakari Juma

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GitHub: https://github.com/BakariJuma1
Portfolio: https://myportfolio-bakari.netlify.app/

FULL-STACK SOFTWARE DEVELOPER

Full-stack web developer trained in building dynamic, real-world applications using Python (Flask) and JavaScript (React). Skilled in both backend and frontend development, with a focus on usability, data modeling, and clean code. Proven ability to lead personal projects from ideation to deployment. Actively seeking a software development role where I can contribute my technical skills, learn from experienced engineers and grow through collaboration.

TECHNICAL SKILLS

Languages and Frameworks: Python, JavaScript, Flask, React
Databases: Postgres, SQLite, SQL Alchemy, Alembic
Tools and Technologies: Git, GitHub, JSON Server, HTML, CSS, Command Line, Tailwind CSS,

TECHNICAL PROJECTS

SomaPoa—https://github.com/BakariJuma1/SomaPoa
Built with Flask and React using PostgreSQL and SQL Alchemy to bridge the gap between students and accessing bursaries and creating transparency in the process
- Deployed full-stack solution from backend API to frontend
- Designed relational data models and a responsive UI for students and admin workflow
- Implemented JWT authentication, document upload, and application status

County Permit Tracker - https://github.com/BakariJuma1/county-permit-tracker
Role-based Command-line app that enables government clerks to register businesses, issue and renew licenses, lower government officials who are going around and revoking licenses, and ensure they adhere to county rules, and business owners to see if their permits are expired
- Designed and built using Python, SQL Alchemy ORM, and SQLite, applying real-world data structures
- Implemented validation, expiry status flags, and historical renewal tracking.

PaySync - https://github.com/BakariJuma1/Debt-management-app-
A React-based web application for tracking debts and purchases across multiple customers.
- Engineered a customer-focused data structure with nested item arrays and computed totals.
- Built dynamic UI using React components, hooks, and controlled form inputs.
- Designed modular architecture for scalability and future feature integrations

EXPERIENCE

Nairobi City Water and sewerage   Nairobi, Kenya
IT Support Intern   Feb/2022 - May/2022
- Provided technical support to staff using the company's customer management system, improving daily system use efficiency.
- Configured and connected staff to the organization's internal network infrastructure

EDUCATION

Moringa School,   Nairobi, Kenya
Full Stack Web Development, Python with Flask, and JavaScript program   Feb/2025 - Present

Taita Taveta University   Voi, Taita Taveta
Bachelor of Science in Information Technology   Aug/2019– Dec/2023