Samuel Motanya

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SKILLS

BACKEND DEVELOPMENT| Django · Flask · MySQL · Go · Postgres
FRONTEND DEVELOPMENT| JavaScript · ReactJS · Tailwindcss · HTML · CSS · TypeScript
SOFT SKILLS| Team player · Bias for action · Deliver results
TOOLS| · VSCode · Git · Pycharm

EXPERIENCE

3 years experience in Software Development (2022-2025)

Dukatech Solutions

Software engineer Intern   *14 Jan 2024 – 29 Apr 2024*
- Participated in designing and implementing the backend in Django for one of the products, Mamapesa.
- Led the design and implementation of a robust backend in Django for the Mamapesa product, enhancing system performance and scalability.
- Designed the database for another product (SokoBeauty) using Draw io.
- Utilized React js and tailwind css to develop the Mamapesa website used in investor pitches.

PROJECTS

Dating app backend
- Worked in a team of 2 where I was the backend developer for a Christian dating app .
- Contributed as the backend developer in a team of 2, successfully building a scalable backend for the dating app.
- Used Django , MySQL and swagger.
- Used Django to implement the database schema, the API endpoints.
- Swagger was used to document the APIs streamlining collaboration.
- I learnt how to document APIs and design a scalable database.

Academic writing management system.
- Developed a web app to manage online writing for the admins and writers to streamline allocation of work, submissions, revisions of the submitted work and analytics.
- Frontend developed using ReactJS and Tailwindcss.
- Backend developed using Django and MySQL.
- Swagger was used to document the APIs.
- I learnt how to use Django channels for real data integration.

EDUCATION

Kenyatta University

B.S. in Computer Science   *Expected Graduation, May 2026*
- **Related Coursework:** Data Structures & Algorithms, Object-Oriented Programming, Computer Organization & Architecture, Linear Algebra, Differential Equations

INTERESTS

Bike riding · Self improvement · Food · Video games