DANIEL KALUTU

Software Engineer | Backend Developer

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EXPERIENCE

Software Engineer Intern   **Nairobi, Kenya**
Eujim Solutions Limited   **Sept 2023 – Nov 2023**

Collaborated with a team to develop a document management system for an external organization, aimed at streamlining the storage, retrieval, and sharing of documents.

Technologies Used: Python, Django, JavaScript, HTML5, CSS, SQL.

Key Contributions:
  - Designed database schemas using Django ORM.
  - Developed and integrated front-end with back-end services.
  - Implemented **user authentication** and **role-based access control**.
  - Automated **document version control** to track changes and history.
  - Optimized server-side logic and database queries for performance improvement.

PROJECTS

E-commerce Platform for Kificom
Developed a Django-based e-commerce application for Kificom, an electronics shop in Nairobi. The platform includes product listings, shopping cart functionality, and secure payment processing.

E-learning Platform for Janja Programmers
Collaborated on the development of a **full-stack e-learning platform** with Django (backend) and React (frontend). The platform supports online courses, student management, and learning progress tracking.

SKILLS

Languages: Python, SQL, JavaScript, HTML5 and CSS3
Frameworks: React, Django, TailwindCSS
Tools: Visual Studio Code, Postman, Git and Github
Operating Systems: Linux (command line)

PROFESSIONAL STRENGTHS

Backend Development: Proficient in Python and Django for building secure, scalable backend systems.
Database Management: Experience with SQL databases and Django ORM for seamless data handling.
System Architecture & Design: Ability to define components and data flows to align with business objectives.
Collaboration: Strong teamwork skills demonstrated through participation in cross-functional projects.
CI/CD and Version Control: Experience working with Git and GitHub for code management.

EDUCATION

Technical University of Mombasa   **Mombasa, Kenya**

Bachelor of Science Computer Science   **2020 – 2024**

Grade: First Class Honours

REFERENCES

Ombwayo Mike

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