KALUTU DANIEL

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EDUCATION

Technical University of Mombasa   **Mombasa, Kenya**
Bachelor of Science in Computer Science

- **Grade:** First Class Honors
- **Related Coursework:** Data Structures & Algorithms, Object Oriented Programming, Machine Learning, Artificial Intelligence, Software Engineering

EXPERIENCE

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

- Collaborated with a team to develop a document management system for an external organization, improving document accessibility and reducing retrieval time by 40%.
- Technologies Used: Python (Django), SQL, JavaScript, HTML, CSS.
- Implemented user authentication and role-based access control, ensuring secure data management for over 100 users.
- Automated document version control, boosting tracking efficiency by 20% and reducing manual errors.
- Optimized server-side logic and database queries, leading to a 30% reduction in system response time.

PROJECTS

E-learning Web Application   **Mombasa, Kenya**
Team Member   *Mar 2024 – Apr 2024*

- Contributed to developing a scalable e-learning platform for Janja Programmers using Node.js and React, supporting seamless content delivery and student management.
- Implemented tools for monitoring learning outcomes, improving student engagement and performance tracking.
- Optimized the user interface, enhancing the overall learning experience with a more intuitive and interactive design.

E-commerce Web Application   **Nairobi, Kenya**
Team Lead   *Aug 2024 – Oct 2024*

- Led the development of a comprehensive e-commerce platform for Kificom, a Nairobi-based electronics retailer, using Python (Django), JavaScript, HTML, and CSS.
- Designed and implemented advanced search and filtering features, significantly enhancing product discoverability and customer navigation.
- Integrated a secure payment processing system, ensuring safe and reliable transactions for a seamless shopping experience.

SKILLS

Programming: Java, Python, JavaScript, HTML, CSS, SQL
Frameworks: React, Django, Express, TailwindCSS
Databases: MySQL, PostgreSQL, MongoDB
Tools: Visual Studio Code, Postman, Git, GitHub
Operating Systems: Linux (Command Line)