ONESMUS MUSEMBI

FULL STACK DEVELOPER

CONTACT

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📍 Juja, Kenya

🌐 https://makau03.github.io/My_Portfolio/

EDUCATION

2021 - 2024
DEDAN KIMATHI UNIVERSITY OF TECHNOLOGY

- Bachelor of Science in Business Information Technology

SKILLS

TECHNICAL STACK

- Front-End: HTML5, CSS3, JavaScript (ES6+), React.
- Back-End: Java, Python, Server-Side Logic.
- Databases: SQL, Database Design, Data Integrity.
- Networking: Cisco Configuration, LAN/WAN.
- Version control: Git and Github

PROFESSIONAL SKILLS

- Project Management & SDLC
- Technical Research & Reporting
- Database Management
- Troubleshooting & Diagnostics
- Stakeholder Communication

PROFILE

Versatile Software Engineer & Web Developer with a robust background in full-stack development. Competent in engineering server-side logic using Java and Python, while designing intuitive front-end interfaces with JavaScript. Proven ability to manage relational databases (SQL) and optimize system performance. An innovative problem-solver focused on delivering scalable, secure, and user-friendly digital solutions. Adept at translating business requirements into technical specifications to streamline operations. Eager to apply modern development practices to solve real-world organizational challenges.

RELEVANT EXPERIENCE & PROJECTS

Dedan Kimathi University   2021 - 2024
Academic Projects & Leadership

- Project Management: Applied business information strategies to identify operational challenges and developed unique technological solutions to resolve them.
- Networking & IT: Gained practical skills in networking protocols and hardware configuration under the guidance of Cisco certified instructors.
- Software Development (Farmers App): Engineered a mobile-responsive application using Java for core logic and SQL for inventory management, which streamlined sales communication for local farmers.

Kalimoni Mission Hospital   October 2024 – December 2024
IT Department Internship

- System Maintenance: Assisted in the maintenance and updating of the Hospital Management Information System (HMIS), ensuring accurate patient data entry and retrieval for efficient service delivery. Contributed to the backend logic for patient data retrieval, ensuring HIPAA/Data privacy compliance standards were met in code structure.
- Network Administration: Monitored local area networks (LAN) and Wi-Fi connectivity across various hospital departments, troubleshooting downtime and optimizing signal strength.
- User Training & Assistance: Oriented new staff on the use of hospital IT resources and software, promoting digital literacy and reducing system usage errors.
- Hardware Management: Performed routine maintenance and repairs on computers, printers, and medical IT equipment, extending hardware lifespan and reducing replacement costs.

GURU Writers Hub   January 2025-Present
Technical Researcher & Web Developer

- Full Stack Web Development: Improved page load speeds by implementing optimized CSS/image handling, resulting in a better user experience scores.
- Back-End & Database Management: Collaborated on software architectures involving SQL database integration, ensuring efficient data storage, retrieval, and integrity for client projects.
- Technical Documentation & APIs: Created comprehensive documentation for software projects, including API specifications and system architecture reports to support future scalability.

REFERENCE

- Available on request