James Mwangi Gitere

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Location: Nairobi, Kenya

Objective

Enthusiastic Full-Stack Software Engineer trained at ALX Africa, passionate about building efficient and scalable solutions. I'm eager to contribute my skills in application development and data modeling while continuing to learn and grow in a collaborative environment.

Education

Software Engineering

ALX Africa, Nairobi, Kenya

August 2023 - September 2024

Specialized in Backend Software Engineering with a focus on system development, data integration, and business analysis.

Bachelor's Degree in Hospitality Management

Pwani University, Kenya

Technical Skills

- **Programming Languages:** Python, JavaScript (ES6+), TypeScript, C, SQL, HTML, CSS
- **Frameworks:** Flask, Node.js, Express.js, React
- **Web Development:** REST API development, full-stack integration
- **Databases:** MySQL, MongoDB, Redis, PostgreSQL
- **Version Control:** Git, GitHub
- **Tools & Technologies:** Docker, Redis, Agile Development, Postman, AWS basics

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Soft Skills

- Problem-solving skills
- Keen attention to detail
- Friendly demeanor
- Ability to work independently and in a group
- Good communication skills
- Time-conscious

Projects

SkillUp

Description: An e-learning platform designed to facilitate online courses, allowing users to enroll, learn, and track their progress.

GitHub: [SkillUp Project](#)

Description: An e-learning platform designed to facilitate online courses, allowing users to enroll, learn, and track their progress.

Role: Full-Stack Development (Frontend & Backend), API Design, Payment Integration, Architecture Design, Server-Side Logic, Database Management, Authentication, and Security.

- Developed both the backend using Node.js and Express and the frontend using HTML, CSS Javascript.
- Implemented features like user authentication, course approval workflow, and payment integration (Daraja API).
- Utilized Redis for caching to improve system performance under heavy load.

BookSwap Connect

Description: A full-stack application for users to exchange books, enabling community sharing and interaction.

GitHub: [BookSwap Connect](#)

Role: Full-Stack Development (Frontend & Backend).

- Built a full-stack application for book exchanges using Flask for backend and MySQL for data storage.
- Implemented features like user authentication, personalized recommendations, and real-time messaging.
- Managed both frontend and backend development, ensuring seamless integration.

Work Experience

Franchise Partner, Airtel Kenya | Jaymto Enterprises, Kilifi

January 2022 - Present

- Led daily operations, resulting in a 15% revenue increase through improved customer service.
- Trained and managed a team of 7 sales representatives, boosting sales performance and customer engagement.

Certifications

- Computer Application Packages - Intro Technology Computer School | April 2016
- Driving License - Gakala Driving School | January 2020

Additional Information

- **Languages:** Fluent in English and Swahili, French (elementary level)
- **Interests:** Continuous learning, exploring new technologies, contributing to open-source projects

References

Salim Faris

Airtel Kenya Zonal Sales Manager

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