EMMA KARANJA

Full Stack Software Developer

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📍 Kenya

EXPERIENCE

IT Specialist

Jumbo Star Solutions

📅 05/2023 - 08/2023 📍 Nakuru, Kenya

- Provided technical support for Core Banking Systems used by SACCOS and Microfinance Institutions, ensuring smooth operations and compliance
- Facilitated the implementation of digital financial services such as Agency Banking and ATM Bridging to improve customer access
- Helped coordinate the rollout of Bulk SMS Notification services, supporting improved client communication
- Engaged with Extreme ERP systems to better understand financial workflow integration and data management processes
- Gained valuable exposure to agile team environments and operations within the fintech industry

EDUCATION

Software Engineering Certification

Moringa School

📅 02/2025 - 07/2025 📍 Nairobi

- Gained hands-on experience with Python, Flask, JavaScript, React (Vite), PostgreSQL
- SQLAlchemy, and SQL
- Built, tested, and deployed projects using MVC architecture and REST APIs

Comprehensive coursework in software development

KCA University

📅 09/2021 - 07/2024 📍 Nairobi, Kenya (Ruaraka)

- Information Technology
- Comprehensive coursework in software development, database systems, networking
- And IT project management, with practical exposure to real-world tech environments

SUMMARY

Software Engineer Junior Developer aspiring to enter the world of full-stack software development, with a focus on building intuitive and impactful web applications.

KEY ACHIEVEMENTS

💎 **Developed Backend for eHealth Tracker – Goals & Meal Plans App**
Designed and implemented the backend of an eHealth application to manage user goals, meal plans, and food entries using Flask, SQLAlchemy, and PostgreSQL.

💎 **Led High-Impact Development Team – ArtVault Capstone Project**
Led a team in the ArtVault project, successfully delivering a full-stack application recognized for its strong functionality and user experience.

💎 **Collaborated on ERP Integration – Financial Systems Support**
Engaged with Extreme ERP systems to understand core financial workflows and supported integration efforts for improved data management and operations.

LANGUAGES

English
Advanced 🔵🔵🔵⚪⚪

SKILLS

CSS ERP Flask Git HTML

JavaScript PostgreSQL Python

React REST SQL SQLAlchemy

FIND ME ONLINE

🌐 **Linkedin**
https://www.linkedin.com/in/emma-k-karanja/|

🌐 **Github**
https://github.com/Emmakaranja1