

Michael Kemboi

Software Engineer

✉ mike@kemboi.dev

☎ +254 721 601 159

📍 Nairobi, Kenya

🌐 <https://kemboi.dev>

🌐 kemboimikey

Professional Summary

I'm a highly skilled Software Engineer driven by a passion for solving real-world problems through technology. I thrive on turning ideas into secure, scalable software solutions that make a tangible difference. Whether I'm architecting robust backend systems, crafting seamless APIs, or building intelligent machine learning models, my focus is always on creating tools that deliver value and impact. Beyond the code, I value collaboration, continuous learning, and the challenge of tackling complex problems in innovative ways. For me, every project is an opportunity to blend creativity, precision, and purpose.

Current role

I'm a freelance developer creating impactful software solutions while actively seeking an internship or full-time role. Passionate about growth, I continuously explore new tools and frameworks to stay ahead of industry trends and bring fresh ideas to every project.

Languages

English

Fluent

Kiswahili

Fluent

Skills

- **Programming Languages:** Python, SQL,
- **Frameworks & Libraries:** Django, FastAPI, jQuery
- **Databases:** PostgreSQL, MySQL
- **Tools & Platforms:** Git, GitHub, Postman, Docker

I can quickly adapt to new technologies, tools, and workflows, enabling me to stay current in fast-evolving development environments.

Projects

MSET Point of Sale, Web Application

- Developed a web-based Point of Sale system with real-time sales, inventory, and customer management.
- Implemented secure transactions, streamlined checkout processes, and accurate record-keeping to support business growth.
- **Tech Stack:** Python, Django, JavaScript, Bootstrap 5, PostgreSQL

Mpesa Daraja, *API Design* [↗](#)

- Built a Django-based application integrating Safaricom's M-Pesa API for initiating STK Push transactions and querying payment status.
- Designed a clean API workflow and implemented transaction logging for improved tracking and reliability.
- **Tech Stack:** Python, Django, Postman, PostgreSQL, JavaScript

Education

Bsc. Information Technology, *University Of Eldoret*

09/2024 – Present

Pursuing a Bachelor's degree in Information Technology by developing skills in software, networking, and data management.

Software Engineering, *ALX Africa* [↗](#)

01/2023 – 04/2024

Gained a strong foundations in Software Engineering, then specialised in backend development. Learnt to build, test, and deploy secure, high performance software while applying industry best practices through collaborative, real world projects.

Hobbies and Intrests

- Reading tech blogs and industry publications
- Listening to music
- Cycling and hiking