

Kiprotich Kimutai

FULL STACK WEB DEVELOPER

TEL:+254790841979

kiprotichkimutai01@gmail.com | [Portfolio](#)
[Github](#) | [LinkedIn](#)
[AngelList](#) | [Medium](#) |
[Hashnode](#)

SUMMARY

Full-stack web developer and passionate open-source enthusiast with a strong focus on clean code and problem-solving. Experienced in pair-programming and proficient in remote work environments. Adaptable and quick to learn, with expertise in multiple programming languages, frameworks, and technologies. A dedicated advocate for community engagement and mentorship.

EXPERIENCE

Full-stack developer

Pesaflow Limited, November 2022 – Present

- Developing applications using Vue, Elixir and phoenix

Freelancer, *Remote*

Full Stack Developer, February 2022 – Present

- Developed vet booking application with Django and Tailwind CSS.
- Created multivendor web application for restaurant menus.
- Built ticketing system for two events with Mpesa payment integration using Elixir and Phoenix.
- Developed rugby club system with ticketing functionality in Kenya.
- Created multiple landing pages for organizations.

Software developer, *Remote*

The Open Institute, January 2023 - Dec 2023

- As part of a research project funded by Wellcome Trust, I developed an application to empower community health development workers in Kenya to assist patients with sickle cell anemia. This involved conducting market viability research, creating concept notes, architecture diagrams, and user flow diagrams. Additionally, I utilized large language models (LLMs) to develop a medical chatbot for the application, enhancing its functionality and user experience. The project aimed to regulate health data migration in sub-Saharan Africa and improve healthcare support for sickle cell anemia patients.

EDUCATION

Jomo Kenyatta University of Agriculture and Technology, November 2020 – present

Telecommunication and information engineering

- Data structures and algorithms using Python
- Object-oriented programming with C.
- Linux administration.

SKILLS

Front-End: JavaScript, React, Redux, Vue, HTML5, CSS3, Nextjs, and Tailwind CSS

Back-End: MySQL, PostgreSQL, Django, Elixir, Phoenix, Phoenix live view, Flask

Tools & Methods: Git, GitHub, Deployment, RSpec, TDD, Docker, LLAMA, LLMs

Professional: Remote Pair-Programming, Teamwork, Mentoring

PROJECTS

[mche](#)

comprehensive advisory tool for farmers.

Built with Elixir and Phoenix Liveview, Python, and Flask for AI.

[Kabarak Express](#)

-Developed a comprehensive bus booking system for students traveling to Kabarak High School. The system includes all stakeholders, including students, parents, and school administrators, to streamline the process of booking

- Hardware development
- Software engineering

MICROVERSE, January 2022 –November 2022

Remote Full-Stack Web Development Program

- I learned full-stack development while simultaneously developing projects with Ruby, Rails, JavaScript, React, and Redux.
- Developed skills in remote pair programming using GitHub, industry-standard git flow, and daily standups to communicate and collaborate with international remote developers.

buses for
transportation.