

Kiprotich Kimutai

SENIOR SOFTWARE ENGINEER AND CTO,
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SUMMARY

Senior full-stack engineering leader with a strong bias for ownership, speed, and excellence. I serve as the CTO of Nexuscale.ai, where I lead and mentor a team of four engineers, drive technical strategy, and define product roadmaps from concept to deployment. I combine deep hands-on expertise in building and integrating AI systems with strong leadership, communication, and decision-making skills. Passionate about open-source, clean architecture, and solving real problems through well-designed technology.

EXPERIENCE

Chief Technology Officer, Remote

Nexuscale ai Jan 2024 – Present

- Built [nexuscale.ai](#) from ground up to \$50,000 MRR.
- Made technical decisions on the architecture, roadmap and server.

Stack(Elixir, React, Typescript, GraphQL, Python, Java)

Senior Full-stack developer, Remote(San Fransisco)

Kairocare Inc., Feb 2025 – Aug 2025

- Built a Discord support bot to enable support teams to easily respond to customers.
- Built integrations for Chrome extension with different systems.
- Contributed to the development and maintenance of the AI scribe software.
- Stack(Ash Framework, React, Typescript, GraphQL, Python, React Native)

Full-stack developer

Pesaflow Limited, November 2023 – Jan 2024

- Developing applications using Vue, Elixir, and Phoenix.
- Developed an electronic tax register module to allow businesses to file their returns directly using the sales records.
- Led payment integration initiatives, ensuring secure, seamless, and scalable transaction flows.
- Designed and implemented AI automations, including building intelligent chatbots to streamline internal and customer-facing operations.

Freelancer, Remote

Full Stack Developer, February 2022 – Present

- Developed an AI-powered marketing application where users can start campaigns in a few clicks. I also implemented a LinkedIn scraper to personalize marketing emails.

SKILLS

Front-End: JavaScript, React, Vue, Phoenix LiveView HTML, CSS, and Tailwind CSS

Back-End: MySQL, PostgreSQL, Django, Elixir, Phoenix, Ash Framework, Java

Tools & Methods: Git, GitHub, Deployment, TDD and Docker

PROJECTS

[nexuscale.ai](#)

AI-powered email marketing platform built using Elixir, Phoenix LiveView, and Python. It enables users to find leads, connect with them, schedule and send email campaigns.

[mwambarugby.com](#)

-Ticketing platform that has made over \$150,000 in ticket sales

-Built in Elixir, and Phoenix Liveview

[sema](#)

A web application that enables users to book therapy sessions. It also enables the admin to manage the therapists, including payments

- Created an application for therapists to allow users to book therapy sessions either as anonymous users and as logged in users.
- Built a ticketing system for two events with payment integration using Elixir and Phoenix LiveView. Which have made over \$15,000 in ticket sales.

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 and 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 – 2025

Telecommunication and information engineering

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

animina.de

A dating platform