

Stephen Kioni Mwangi

@ mail@stephenmwangi.com |  GitHub |  LinkedIn |  Website |  Nairobi, Kenya

WORK EXPERIENCE

Savannah Informatics Limited *Software Engineer*

June 2022 - Present
Nairobi, Kenya

- Develop and design the backend of an Electronic Medical Records and Patient Engagement system called Slade Advantage (*Python, Django, DRF, Kubernetes, GCP, Docker, RabbitMQ, Redis*)
- Implemented and designed the company's SMS and USSD API gateway and integrated it with a major Kenyan telecommunications provider, reducing comms costs by $\approx 40\%$ (*Python, Django, DRF, GCP, RabbitMQ, Redis*)
- Re-platformed existing backend infrastructure to use Google Kubernetes Engine
- Participate in client engagement and UX discovery
- Guide and coach new hires and interns

Savannah Informatics Limited *Software Engineer Intern*

June 2021 - May 2022
Nairobi, Kenya

- Maintained and developed the Slade360 Electronic Data Interchange system (*Python, Django, DRF*)
- Provided Level 2 and Level 3 technical support

EDUCATION

University of Nairobi *BSc. Computer Science*

September 2018 - September 2022
First Class Honours

Relevant coursework: Software Engineering, Distributed Systems, Data Structures and Algorithms, Design Thinking, Systems Analysis and Design, Artificial Intelligence, Machine Learning, Compiler Construction

OPEN SOURCE PROJECTS

Obsidian Spaced Repetition

April 2021 - Present

Spaced Repetition plugin written in TypeScript for the note-taking tool [Obsidian](#). It has been downloaded over 300,000 times and translated into 10+ languages by a global community of users.

Elixir

December 2021 - May 2022

Elixir is a distributed electronic health records system written in Python/Django and JavaScript/Svelte.

SKILLS

PROGRAMMING

Python (Django, Django Rest Framework, Celery), SQL, TypeScript, JavaScript, Rust, Go, HTML/CSS

TECHNOLOGIES

Kubernetes, GCP, Docker, PostgreSQL, Redis, RabbitMQ, Ansible

TOOLS

Git, \LaTeX