

RAYMOND KIPKORIR - Software developer

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SUMMARY

Full-stack software developer and open-source contributor with 3+ years of experience building scalable web applications.

I am skilled in Django, React, and PostgreSQL. Open mind to learning to acquire new skills.

I am a writer on [Medium](#), I also upload tech videos on [YouTube](#)

TECHNICAL SKILLS

Languages and tools: Python, Golang, Typescript, C, C++, Docker, Git

Web Frameworks/Libraries: Django, Flask, React

Cloud technologies: AWS, Render, Railway

WORK EXPERIENCE

Ramana Tech School | Nairobi, Kenya

June 2023 - August 2023

Software developer intern

- Collaborated with other team members to build a data governance tool.
- Used Python to connect to multiple databases such as MongoDB, PostgreSQL, and MySQL
- Gathered all database logs into a CSV file. Performed data cleaning on it to improve its data quality from 82% to 92%

PROJECTS

Pydaraja | *self-project*

[Code Live](#)

- Allows developers to seamlessly interact with the MPESA's Daraja API and manage payment requests within their Python applications.
- 50+ downloads on Python Package Index.

StoryHub | *self-project*

[Code Live](#)

- Built with Django, PostgreSQL, and Docker
- CMS platform where users can write and publish articles, and follow and unfollow each other.
- Cached complex queries using Redis.
- Backend test coverage is 98%

Note-taking app | *self-project*

[Code Live](#)

- API endpoints built with Django Rest Framework and then consumed with React using Typescript
- Platform where its users can create, pin, and delete notes.
- Used JWT tokens(access and refresh) to handle user authentication.

EDUCATION

Jomo Kenyatta University of Agriculture and Technology

Bachelor of Science in Telecommunication and Information Engineering

Kapsabet High School

KCSE Grade (A-)

OPEN SOURCE / VOLUNTEER EXPERIENCE

SPACE YA TECH | spaceyatech.com | [Github](#)

Feb 2023 - present

- Collaborated with other team members to redesign the backend of Space Ya Tech official website using Django Rest Framework and PostgreSQL.
- Integrated Mpesa's Daraja API to allow online purchases of SpaceYaTech swaggs.
- Improved backend test coverage from 64% to 82%
- Performed query optimization which reduced the number of database queries and time taken to execute a single query