

# RAYMOND KIPKORIR - Software developer

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## EDUCATION

### Jomo Kenyatta University of Agriculture and Technology

Juja, Kenya

Bachelor of Science in Telecommunication and Information Engineering

### Kapsabet High School

Nandi, Kenya

KCSE Grade (A-)

## WORK EXPERIENCE

### SPACE YA TECH

Feb 2023 - present

Backend developer

Remote, Nairobi, Kenya

- Collaborated with other team members to redesign the backend of Space Ya Tech official website using Django and PostgreSQL.
- Integrated Mpesa's Daraja API to allow online purchases of SpaceYaTech swaggs.
- Wrote unit tests which 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.

### Ramana Tech School

June 2023 - August 2023

Software developer intern

Hybrid, Nairobi, Kenya

- Collaborated with other team members to build a data governance tool using FastAPI.
- 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 93%

## 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.
- Wrote unit tests improving backend test coverage to 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.