

# Raymond Kipkorir - Software developer

☎ +254 769 356 298 ✉ [lagatraymondkipkorir@gmail.com](mailto:lagatraymondkipkorir@gmail.com) [LinkedIn](#) [Github](#) [Portfolio](#)

## Education

### Jomo Kenyatta University of Agriculture and Technology

Bachelor of Science in Telecommunication and Information Engineering

Juja, Kenya

- **Relevant Coursework:** Operating systems, C, C++, Computer networks, Arduino programming, Database management

## Experience

### Savannah Informatics Ltd

Full Stack Software Engineer - Full time

May 2024 – present

Nairobi, Kenya

- Collaborated with other team members to integrate eTIMS into our in-built erp-system.

### Space ya Tech

Backend developer

Feb 2023 – present

Nairobi, Kenya

- Django open-source contribution
- Collaborated with other team members to redesign the backend of Space Ya Tech's official website using Django and PostgreSQL.
- Integrated Mpesa's Daraja API to allow online purchases of SpaceYaTech swags.
- Introduced automated testing using unit tests, increasing backend test coverage by 30%
- Optimized PostgreSQL database queries, reducing page load times by 15% and enhancing overall application performance

### Ramana Tech School

Software developer Intern

June 2023 – Aug 2023

Nairobi, Kenya

- Collaborated with other team members to build a data governance tool using FastAPI.
- Gathered all database logs into a CSV file. Performed data cleaning on it improving its data quality by 30%
- Used Python to connect to multiple databases such as MongoDB, PostgreSQL, and MySQL
- Contributed to the adoption of agile methodologies, utilizing Jira and Confluence, improving team productivity by 15% through iterative development cycles.

## Projects

### StoryHub | Django, Redis, PostgreSQL, Docker, Bootstrap

- Cached complex queries using Redis reducing response time by 40%
- Wrote unit tests that significantly raised backend test coverage to 93%
- Implemented follow, like, and bookmark functionality enhancing user engagement.
- Implemented Authentication and Authorization via OpenID Connect which led to an increase in the number of onboarding users.

### Pydaraja | Python, Mpesa's Daraja API

- Allows developers to seamlessly interact with the MPESA's Daraja API and manage payment requests within their Python applications.
- Built a CI/CD pipeline using GitHub Actions ensuring consistent and reliable releases.
- 50+ downloads on Python Package Index.

### Note taking APP | Django Rest Framework, React with Typescript, Material UI, PostgreSQL

- Developed scalable and secure Restful APIs using Django Rest Framework to retrieve and manipulate data from PostgreSQL database, ensuring optimal performance.
- Used JWT tokens(access and refresh) to handle user authentication.
- Built a CI/CD pipeline using GitHub Actions and deployed the backend on Render and frontend on Vercel.

## Technical Skills

**Languages:** Python, Golang, TypeScript

**Technologies:** Django, Flask, React, PostgreSQL, MongoDB, Git, AWS, Ansible, Terraform