Collins Muriuki

Software Engineer

👤 Profile

A dedicated Software Engineer committed to solving problems and bringing value to businesses. With expertise in Python, TypeScript, and Rust, Collins has a proven ability to excel in both front-end and back-end development roles. He is passionate about continual learning and growth, constantly seeking out new challenges and opportunities to make a positive impact.

💼 Employment History

Full Stack Software Engineer at Flinkit GmbH, Berlin | Remote

August 2021 — Present

- Successfully addressed a major technical debt at Flinkit by introducing database migrations into the workflow and implementing a review process for proposed database changes. This greatly improved developer experience and productivity.
- Led the development of an open API that enabled external developers to interface with our product, resulting in more opportunities for integration into customers' systems and increased product usage.
- Led the integration of large language models into our messaging platform to solve various business problems.
- Spearheaded implementation of a infrastructure as code pipeline with Terraform that made infrastructure changes transparent, accessible and very easy to maintain.

Rust Engineer at Bitfinity Network, London | Remote

October 2022 — January 2023

- Built digital signature verification tooling in Rust for Bitfinity's ethereum virtual machine. This was done by successfully abstracting the functionality in its own compute unit so that it can be scaled individually if needed.

Full Stack Software Engineer at TIBU Health, Nairobi

March 2020 — August 2021

- Successfully upgraded the product to a more advanced and performant v2 API, resulting in a significant reduction in latency and improved user satisfaction.
- Designed and developed an internal dashboard for the medical logistics team, enabling efficient tracking and handling of medical requests made by customers on our platform.
- Drove continuous improvement of existing products and features by implementing new features, refactoring code, increasing test coverage, and eliminating technical debt.

Software Engineer at Africa's Talking, Nairobi

October 2020 — January 2022

Details

Nairobi
Kenya
+254705583540
hello@collinsmuriuki.xyz

Links

[Personal Website](#)
[GitHub](#)
[LinkedIn](#)
[Tech Talks](#)

Skills

JavaScript

TypeScript

Node.js

React

Vue.js

Python

Rust

SQL (PostgreSQL/ MySQL)

Docker

Redis

HTML & CSS

REST/ GraphQL / gRPC

Database Design

Kubernetes

AWS (Elastic Beanstalk / ECS / EKS / RDS / ElastiCache)

Rabbit MQ

Test Driven Development & Continuous Integration

Terraform

Git

- Successfully led the development launch of the client side application for Africa's Talking's product, Kazzo OTP, a customer identity B2B Software as a Service product.
- Components of the product I facilitated development included the product website and landing pages, developer documentation, and a developer console.
- The console provided developers with the ability to easily integrate with the API allowing them to generate API keys, make test requests directly from the dashboard via a sandbox environment, and tracking various metrics for their applications.

Co-founder at sqika.com, Nairobi
August 2019 — January 2021

- Led a team of engineers in the development of a short form video sharing platform for celebrities and social media influencers, which resulted in a 20% increase in user engagement in the first month after launch.
- Maintained customer satisfaction by fixing bugs and improving core features.

👥 Internships

Frontend Engineering Intern at Alero Group
December 2019 — March 2020

- Involved in building web applications for entrepreneurs and start-ups using Vue, React and Node.js.
- Implemented and updated application modules under the direction of Senior Software Developers.

🎓 Education

Bachelors in Applied Computer Technology, United States International University, Nairobi, Kenya
January 2019

- GPA - 3.7/4.0
- Acitivities: IT Club, Developer Students Club, Meta Developer Circles

Software Development with Full Stack Specialization, Moringa School, Nairobi
August 2019 — January 2020

- Intense 16 week long coding boot-camp with a specialization on web development with Python and JavaScript.
- Built several personal and group projects applying agile methodologies of product management.
- Stand out project was Project Lucy, a Twitter bot and sentiment analysis system built with Python.