Ian Kamau

Fullstack Engineer
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Portfolio Website
Linkedin Profile
GitHub Profile

Skills

- NextJS / Typescript
- scss
- Tailwind css
- Redux toolkit
- Ruby on Rails
- Node Js
- Express Js
- UI/UX Design using Figma
- Postgresql
- MongoDB
- Mongoose ODM
- Prisma ORM
- Linux
- Bootstrap

Technologies am currently learning

- Flutter for mobile app development

EXPERIENCE

RUBY ON RAILS DEVELOPER

Giga Cypher Systems, June 2024 - present

Giga cypher systems is a software development company that creates web-based solutions for Small and Medium Enterprises. We focus on the operational aspects of SMEs in the retail and wholesale space , as well as service sector SMEs. Our software mirrors the structure and flexibility that is adopted by SMEs.

TECHNICAL MENTOR

Everest Tech Hub Academy, October 2023 - May 2024

Everest Tech Hub is one of the leading software bootcamp in Kenya. We follow the project based learning approach when teaching and mentoring our students.

As a technical mentor, I played a pivotal role in developing the School's website as well as mentoring all students.

At Everest Tech Hub Academy, I take the students through React Js, Node Js and Ruby on Rails as well as teaching them best practices that enhance their app's performance.

Job Responsibilities

1. Providing tutoring sessions to Academy students in software engineering
2. Teaching and mentoring students in the following programming languages and frameworks: React.js, Ruby on Rails, and Node.js.
3. Developing and implementing effective teaching strategies tailored to each technology.
4. Preparing comprehensive lesson plans, assignments, and assessments related to React.js, Ruby on Rails, and Node.js.
5. Maintaining accurate records of student progress in these specific technologies.

6. Collaborating with other Academy staff as necessary to ensure a well-rounded education in software engineering.

PROJECTS

Bee Kissed Honey, August 2023 - October 2023
BeeKissed honey is an e-commerce site specialising in high quality natural honey. In collaboration with a team of talented individuals, I contributed to the design and development of both the frontend and backend as a full-stack engineer. The technology stack included React Js, Tailwind css, Node Js, Express, Mongoose and Mongodb.

My responsibility encompassed ensuring the frontend's visual appeal and responsiveness, creating a seamless and enjoyable user experience. Through collaboration, we successfully crafted a platform that showcases the excellence of BeeKissed Honey while leveraging the power of modern web technologies.

Here are the links to this project:
1. Github Link

MESSAGING APPLICATION, January 2024 - February 2024
I developed a simple web-based chat application whereby a user can chat with the admin. The admin can respond to all users but no user to user communication. All messages are stored in a MongoDB database.
Below are the technologies I used
● React Js
● Node Js and Express framework
● MongoDB database
● Mongoose ODM
● Websockets

I did the design and coded part of both the frontend and backend.
Here are the links to the project:
1. Github Repository

FULLSTACK ENGINEER
Moringa School Capstone Project,Nairobi - Kenya -
April 2023 - May 2023
We were tasked to create a web app that provides cloud storage services.
Below are what we implemented
   I led in designing and was the lead frontend developer in my team
1. Live Link
2. Github Repository

EDUCATION

Moringa School, Nairobi - Kenya - Certificate in Software Engineering
November 2022 - May 2023

References
Mr Alex, Nairobi, Kenya
Everest Tech Hub Academy Co-founder
Contact: +254-743-988-566

Steven Maina, Nairobi, Kenya
Mentor
Contact: +254-746-244-453