Simbarashe Mutombe | Software Engineer

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Github | LinkedIn

Experience

MinExchangeZim | Dec 2022- Dec 2023
Lead Developer

- Led the development of a mining platform, facilitating transactions and real-time data exchange for over 200 users.

Jekeso Insights, Harare, Zimbabwe | Aug 2021 - July 2022
Software Developer(Intern)

- Built responsive company websites with **React** and **Node.js**.
- Deployed tested solutions to **AWS, Google Cloud** and reduced server downtime by 20%.
- Implemented blockchain solutions for farm produce tracking using Hyperledger Fabric.

Projects

Homer (TypeScript)

- Currently architecting a cutting-edge platform that enables users to subscribe to rental properties, with real-time notifications based on occupancy changes.
- Integrated advanced data flow management and state handling with **React, Redux** & created a seamless user experience.
- Built robust subscription and notification systems, leveraging **Celery** on the backend, **TypeScript** & Websockets on the frontend for elegant dynamic interactions.

COCAZ (React)

- Spearheaded the implementation of React's component-based architecture, elevating the COCAZ website with a scalable and modular structure therefore enhancing code reusability and accelerated development cycle

Zubhub Platform (REST API, React, Redux)

- Contributed to the development of a platform empowering children to create and share innovative projects.
- Wrote **30%** of the platform's most comprehensive backend test suites that ensured reliability of web serializers and views supporting seamless **API** calls across backend and frontend stack.

Microblog (Python)
- Engineered core functionalities for a **Flask**-based blogging platform, including user authentication and post management.

NutriSync (React)
- Developed a personalized nutrition web application called Nutrisync powered by USDA API & provided tailored recipe suggestions, meal plans, and nutritional education based on the user's nutritional preferences and goals.

Sixo (Django)
- Built a peer-peer car rental platform, including secure payments via **Paynow**.

African Quiz Platform (Python)
- Engineered an interactive quiz application on African culture and history that achieved high user satisfaction

Web Scraping Projects (Python)
- Spearheaded various web scraping initiatives across diverse sectors including ecommerce, sports betting, and the mining industry

Skills

Python, Javascript, C, C#, SQL,TypeScript, Django, Flask, React, Redux, Bootstrap
Git, Docker, Kubernetes, Nginx, Redis, AWS

Education And Certifications

Bachelor's Degree in Software Engineering **| Harare Institute of Technology**

Software Engineering | **ALX Holberton**