George M'sapenda

FULLSTACK WEB DEVELOPER

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SUMMARY

Full-stack Ruby on Rails and JavaScript web developer with a fixation for a clean codebase and accessible design. Advocate of pair-programming and enthusiast of remote work. Fluent in various languages, frameworks, and technologies, and capable of growing quickly and efficiently.

SKILLS

Front-End: TypeScript, JavaScript, React, React Native, Redux, Bootstrap, HTML5, CSS3.
Back-End: Ruby, Rails, PostgreSQL, Python, Node.
Tools & Methods: Linux, Git, GitHub, Heroku, Netlify, Mobile/Responsive Development, RSpec, TDD.
Professional: Problem-solving, Remote Pair-Programming, Collaboration, Leadership, Documentation.

EXPERIENCE

HERE FOR YOU   Remote
Software Developer (Volunteer)   Oct 2023 – Present
- Improved website's accessibility features, ensuring that individuals with disabilities had equal access to essential information.
- Focused on creating a user-friendly experience by implementing responsive design techniques, making the website accessible across various devices and screen sizes.
- Implemented stringent security measures to protect the privacy and confidentiality of website visitors.
- Collaborated closely with content creators to ensure that the website's information was accurate, up to date, and aligned with the organization's goals.

HIGHLIGHTED PERSONAL PROJECTS   Remote
Full-stack Web Developer & Mentor   Oct 2022–Present

Mastered intermediate and advanced topics in full-stack development (including Rails, Git, and DS&A challenges) while building 15+ full-stack projects both independently and via pair-programming.

CycleCruise — Rails and React motorcycle booking business application.
- Built with: Ruby, Ruby on Rails, JavaScript, React, Redux, HTML, CSS, Bootstrap.

FutureEd— Web page that securely integrates PayPal and SparcoPay payment gateways to simulate a seamless payment process while implementing dynamic currency localization.
- Built with: Node, TypeScript, React, HTML, CSS.

Space-Travelers-Hub — API-first web app that works with real live data from the SpaceX API to display and reserve rockets, dragons and missions.
- Built with: JavaScript, Redux, React, HTML, CSS, Bootstrap.

MICROVERSE   Remote
Mentor (Volunteer)   Nov 2022 – Dec 2022
- Mentored three junior web developers per week, providing technical support through code reviews conducted via tools such as GitHub as well as Zoom and Slack for ongoing guidance.
- Proposed improvements to code organization, leading to 20% enhancement in code quality.
- Offered guidance to 12 junior students on strategies for sustaining motivation, culminating in the full participation and commitment of each individual throughout the program's entire duration.

EDUCATION

MICROVERSE   Oct 2022 – Jul 2023
Remote Full-Stack Web Development Program, Full Time
- Spent 1300+ hours mastering algorithms, data structures, and full-stack development while simultaneously developing projects with Ruby, Rails, JavaScript, React, and Redux.
- Developed skills in remote pair-programming using GitHub, industry-standard gitflow, and daily standups to communicate and collaborate with international remote developers.

UNIVERSITY OF ZAMBIA
Degree, Library and Information Science   Jan 2017 – May 2021
- Double majored in Library & Information Science and Demography.