

Richard Kasonde Nsama

Full-stack Software Engineer

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Location: Lusaka, Zambia

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5 Past Projects (Freelance)

Smart Saver Zambia - App

Mobile, Flutter, Python, MySQL

- Reduced an SME's running costs by 40% (and subsequently their environmental footprint) by converting a hard-copy only coupon book into a mobile-only experience.
- Improved sales by 60% by researching and integrating DPO online payments into the app, one of the few supported in Zambia.
- Improved server query response time by 40% after refactoring ORM queries and converting the API from an outdated REST specification to GraphQL.

Smart Saver Zambia - Website

Web, NextJS, React

- Built a website that sources data from the mobile app API to improve product exposure and brand awareness for the Smart Saver Zambia application.

Smart Motors Zambia

ReactJS, NodeJS, PostgreSQL

- Built a website to improve product exposure and brand awareness for the Smart Saver Zambia application.

Nkwazi Magazine Zambia

Wordpress, PHP, MySQL

- Improved an SME's brand reach by 70% by implementing a website to mirror a hard-copy only in-flight magazine.

Work History

Strapi JS

Solutions Engineer - March 2021 - date

- On a day to day basis, I work with the engineering, product and sales teams to ensure all members of the community and Enterprise customers are 100% successful while using Strapi.
- Fixed an SSO bug in v3.6.7 that prevented EE customers from using SAML based SSO authentication solutions.

Gigabite Studios Zambia

Freelance Engineer - Jan 2017 - Jun 2020

- Worked with a total of 5 SMEs and Startups building software solutions that improved their business strategies and brand awareness.

Education

BSc. Computer Science

University of Zambia - Class of Feb 2020

- Majored in Networking and Information Security that exposed me to **Distributed Systems, Algorithms and Data structures**, Networking and Security, and Cloud Computing

Wes Bos - Premium Courses

React, CSS, NodeJS

- Lean Node by Wes Bos
- Beginner React by Wes Bos is what got me into front-end Javascript Frameworks
- CSS Grid by Wes Bos

Skills

Advanced - **Intermediate** - **Basic**

Javascript, Typescript, Python, Flutter, Dart, Java, Kotlin, HTML/CSS, MySQL, Git, PostgreSQL, Firebase, React, Tailwind CSS, C#, C++, Microservices, PHP