Mucyo Christian

A full-stack developer with 4 years of experience primarily developing high-performing and scalable backend services.

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Work Experience

Back-End Engineer @Awesomity Lab
01/2022 - Present, Hybrid

- Led the successful delivery of critical backend functionalities for the European Entranet company(NL-IX) ERP MVP, while also paying attention to details during implementation.
- Continuously fixed arising bugs and optimizing database queries, logical implementation, and response payload to improve API performance for the job matching platform, resulted in the complete elimination of bugs and a 40% decrease in response time.
- Automated the GitLab CI/CD pipeline for various backend environments, along with Grafana-Prometheus and Sentry to monitor cloud environment and logs.
- Tools and Technologies: TypeScript, NestJS, NextJS, Postgres, Swagger API, Jest, Gitlab (CI/CD), Docker, Grafana, Sentry, Jmeter, AWS EC2

Lead Back-End Engineer @Executive Assist Africa
01/2022 - 08/2022, Kenya - Remote

- Led the development of backend APIs for a Health-centa MS, resulting in the successful release of the MVP.
- Collaborated with the M-Pesa team to integrate their payment service into our platform.
- Performed code reviews for apprentice developers to ensure code quality and proper implementation of functionalities.
- Tools and Technologies: NodeJS, ExpressJS, Mysql, Swagger API, Github, Digital Ocean

Freelance Developer @Self Employed & Guavahire inc.
09/2020 - 11/2021, Hybrid

- Developed and set up a customized POS application for 2 restaurants to effectively manage and monitor their stock and sales.
- Developed and deployed the applix.africa website on the Infomaniak cloud server.
- Developed churchoffaithinrwanda.org website using Laravel, Jquery
- Utilized React to develop front-end interfaces for graduate student projects and side projects.
- Utilized Laravel to develop the guavahire.com platform and successfully deployed it on AWS EC2 instance.

Software developer, @Andela
02/2020 - 07/2020, Remote

- Worked within a team of 5 members to develop an accommodation booking web application.
- Analyzed user requirements and designed system mockups to ensure the assigned tasks met user's needs.
- Wrote integration tests and performed linting to improve the quality and reliability of the backend modules.
- Documented APIs using Swagger to streamline integration process.

Skills

Languages
Javascript (ES6), Typescript, Php, GraphQL

Libraries & Frameworks
jQuery, React, NextJS, NodeJS, NestJS, Express, Koa, Strapi, Jest, Electron, Tailwind Css, Bootstrap, Ant design

Databases & ORMs
Postgres, Mysql, MongoDB, Redis, TypeORM, Sequelize, Mongoose

Tools & Platforms
Git, Webpack, Travis CI, Docker, RabbitMQ, Firebase, Grafana, Sentry, Jmeter, Digital Ocean, AWS (EC2, S3)

Projects

NL-IX ERP
An internal dashboard portal for a European intranet company, that addresses diverse interconnection needs of customers, going beyond the public Peering alone.

Heatlh-Centa MS
All-in-one platform such as appointment booking and cancellation, insurance claim, payment processing and more…

Custom POS System
A cross-platform management software that facilitates business owners in tracking their stock and sales.

Education

University of Lay Adventists of Kigali
09/2018 - 11/2022
Software Engineer