

Summary

Full Stack web developer who values accessible design and clean code. an enthusiast for remote work and pair programming. Prepared to ramp up rapidly and effectively, and fluent in a variety of languages, frameworks, and technologies.

Education

Adventist University of Central Africa

BA Software Engineering

2023 – Present

Kigali, Rwanda

- › Mastering Object Oriented Programming: Throughout various software projects, I've gained familiarity with OOP concepts and their application in designing robust and scalable solutions for both front-end and back-end development. My coursework has equipped me with a deep understanding of how to leverage OOP methodologies to create efficient and maintainable software systems.
- › Software Testing & Configuration: Through practical applications, I developed comprehensive test plans to ensure the reliability and functionality of software systems. My experience encompasses various testing methodologies, including unit testing, integration testing, and system testing, enabling me to identify and address potential issues proactively throughout the development lifecycle.
- › Programming Practices and Coding Standards: In my Software Engineering studies, I focus on refining programming practices and adhering to coding standards. Through coursework and projects, I've embrace agile methodologies, collaborative coding, and design patterns. I prioritize clean code, consistent styles, and thorough documentation to ensure readability and facilitate teamwork. My goal is to deliver high-quality, scalable solutions that meet industry standards.

Microverse

Software Development Bootcamp

2022 – 2023

Remote

- › Spent 1300+ hours mastering algorithms, data structures, and full-stack development while simultaneously developed projects with Nodejs, MongoDB, Mongoose, JavaScript, TypeScript, React, Nextjs, and Redux.
- › Developed skills in remote pair programming using GitHub, industry-standard git-flow, and daily stand-ups to communicate and collaborate with international remote developers.

Lycee De Kigali

High School Certificate

2019 – 2022

Kigali, Rwanda

- › Completed my coursework in Mathematics, Physics, and Computer Science, stimulating a diverse skill set and exposure to a wide range of concepts. Developed a strong foundation in analytical thinking and problem-solving through engaging with interdisciplinary subjects.
- › Final Grade: 60/60

Experience

Kanzamin

Software Developer, Project Manager

2023 – 2024

Kigali, Rwanda

- Write clean, maintainable, and efficient code in accordance with requirements and coding standards.
- Developed software solutions that fulfill user needs and business objectives.
- Designed and implemented unit tests, integration tests, and automated test suites to validate software functionality.
- Implement continuous integration (CI) and continuous deployment (CD) pipelines to automate build, test, and deployment processes.

Microverse

Mentor

Nov. 2022 – May. 2023

Remote

- Mentored junior web developers, and provided technical support through code reviews.
- Proposed improvements to code organization to improve code quality and overall performance.
- Provided advice and tips on how to maintain motivation to maintain longevity in the program.

NPS LTD

Web Administrator

Jan 2021 – Aug. 2022

Kigali, Rwanda

- Managed content updates, troubleshooting technical issues, monitored site traffic and analytics, and ensured the security of the website.
- Perform routine backups to prevent data loss.
- Optimize server resources to improve website speed and responsiveness.

Major Projects

Mineral Traceability and Inventory Management Software

- With fellow Microverse graduate, we designed and implemented Mineral Traceability & Inventory Management Software for local mineral processors. It optimized inventory management, enhancing transparency and traceability from local to international buyers. User-friendly interface for efficient decision-making. The software is being used by two happy customers.

School Library Management System

- With fellow high school graduate, we designed and developed a comprehensive library management system for high schools, helping the organization and access of resources, and promoting the culture of learning and knowledge sharing among the students' community. And importantly reduce librarians workload by automating almost all tasks involved. Built With:

Skills

Programming Lang. Experienced: JavaScript | Nodejs | Typescript Familiar: Python | Java | C++

Software Development RESTful API | GraphQL | GIT | GitHub | CLI | Agile Methodology (Jira) | DevOps | Chrome Dev Tools

Frameworks & Libraries React | Nextjs | Material-UI | TailwindCSS | Expressjs | Mongoose | Syncfusion | SpringBoot 3

Professional: Remote Pair-Programming | Teamwork | Communication Skills

Deployment Docker | Amazon-EC2 | CI/CD Pipeline | GitHub Actions | Amazon-S3

Databases MongoDB | MySQL | Postgresql