

I R A D U K U N D A

TWAHIRWA JOSUE

CONTACT INFO

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ABOUT ME

Full-stack developer with a passion for clear code and attractive design. Excellent team player who enjoys working remotely. Good team player and skilled at communicating.

SKILLS

Languages JavaScript | Nodejs | Typescript.

Databases MongoDB | MySQL | PostgreSQL.

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

Frameworks React | Nextjs | Material-UI | TailwindCSS | Expressjs | Mongoose | Syncfusion.

Deployment Docker | Amazon-EC2 | GitHub Actions | Amazon-S3.

EXPERIENCE

Software engineer

08/2023 - 2024

Kanzamin | Kigali, Rwanda

- Written reusable and clean front-end codes of a web app used to optimize inventory management using several tools like react and redux.
- Designed and implemented unit tests, integration tests, and automated test suites to validate software functionality.

Mentor

12/2022 - 04/2023

Microverse | *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.

PROJECTS

Mineral Traceability & Inventory Management Software

Kigali, Rwanda

- 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

Kigali, Rwanda

- 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 librarian's workload by automating almost all tasks involved.

EDUCATION

Adventist University of Central Africa

2023 - present

BA software engineering | *Kigali, Rwanda*

- I am an undergraduate studying Object-Oriented Programming, Software Testing & Configuration, and advanced programming practices. My coursework focuses on designing robust software solutions and ensuring system reliability through various testing methodologies.
- I also prioritize clean code and adherence to coding standards, preparing me to deliver high-quality, scalable software. I am eager to graduate with these comprehensive skills and contribute effectively to collaborative development teams.

Microverse

2022 - 2023

Software Development bootcamp | remote

- Spent 1300+ hours mastering algorithms, data structures, and full-stack development while simultaneously developing projects with JavaScript, TypeScript, Node.js, MongoDB, React, Next.js and Redux.
- Developed skills in remote pair programming using GitHub, industry-standard git-flow, and daily standups to communicate and collaborate with international remote developers.

Lycée de Kigali

2019 - 2022

High school certificate | 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: 50/60