DIMITRI KWIHANGANA

Kigali Rwanda| + 250 782 272 629
dimitrikwihangana@gmail.com

SUMMARY

I'm Dimitri Kwihangana, a front-end engineer with 3 years of experience who loves using React.js and Next.js to build excellent web and mobile apps. I solve problems and highlight minor details to create seamless user experiences. I'm skilled in front-end development, working with frameworks like React, Next.js, and React Native for mobile apps. Plus, I'm comfortable with databases like MongoDB and MySQL, ensuring scalable and efficient solutions.

EDUCATIONAL BACKGROUND

African Leadership University – Kigali, Rwanda   **September, 2022- February,2026**

BSE (Hons) Software Engineering Relevant Coursework: UX/UI Research & Design, Front-end Development,Back-end Development, Project Management, Python, SQL Databases, machine learning, Computing Research.

PROFESSIONAL WORK EXPERIENCE

Full stack engineer Intern,   **July, 2023 – present**
Vanguard Economics – Kigali, Rwanda

- Built a databank for Vanguard Economics, an internal web app that displays data for different countries, improving data accessibility for data analytics team and user experience by 40%.
- Developed and maintained the company website, increasing web traffic by 35%.
- Built the Aflakiosk website, enhancing online presence and user engagement by 30%.
- Created a trading platform for selling maize with the best capacity using React.js and Next.js, enhancing sales efficiency by 50%.
- Developed a system that records and reports test data for the subsidiary company, Aflakiosk Ltd, streamlining data reporting processes by 25%.

Engineering Intern, Remote   **March, 2023 – June,2023**
Ironji ltd (Logistics company) – Kigali, Rwanda

- Designed and implemented a cutting-edge algorithm that sorts through cargo delivery addresses to provide convenient routes to drivers, and cut fuel usage by 30%.
- Developed and implemented a novel "Proximity Analytics" algorithm to identify close approach patterns in software systems, resulting in a 25% improvement in system performance

Front-end developer   **December, 2022 – March, 2023**
KLab Startups – Kigali, Rwanda

- Built a web app that enables 14 837 village leaders to manage their citizens and coordinate community activities.
- Designed and built a movie trailer mobile app that interfaces with an API to access 10000+ films grouped into different categories.
- Built the authentication backend platform that enables the user to access the mobile app according to the title given by the authorities.
- Built RESTFUL APIs that served data to the javascript front-end based on dynamically chosen user inputs.

EXTRACURRICULAR ACTIVITIES

Google developer, African Leadership University   **September, 2022 – Present**

Contributes on real life problems with modern technology like MERN stack, participating in hackathons planed by either Google or other institution.

SKILLS

• HTML/CSS	• UI/UX designs	• Tailwind css , Bootstrap
• Javascript	• Responsive Design	• Express
• React.js	• Cross-Browser Compatibility	• Project Management
• Next.js	• SEO	

INTERESTS

• Full Stack Development	• Machine Learning
• Education in Africa	• Internent of things

LANGUAGES

• English - Native	• Kinyarwanda- Nativet	• French