

Diane INGABIRE RUTAGENGWA

Full-Stack Developer | Software engineer

I'm a Full-Stack Software Engineer based in Kigali, passionate about building functional, well-crafted web applications. My work blends clean architecture with thoughtful UI, aiming to create tools people actually enjoy using. I'm especially interested in the growing role of AI and large language models, and I love exploring how they can improve real-world products. Always learning, always building.

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WORK EXPERIENCE

Professional Training in Full-Stack Development Klab TekHer Program

Frontend Development & Backend Development :

- Building Interactive User Interfaces: **React.js** , **JavaScript (ES6)** , and **CSS**.
- **State Management** : Gaining hands-on experience in managing application state using **React's Context API** and **Redux** .
- API Integration: Learning to connect frontend components with backend data through API calls using **Axios** and **fetch()** , as well as working with **RESTful APIs**.
- Building Server-Side Logic: Developing backend functionalities using **Node.js** and **Express.js** , and learning how to create and handle routes, controllers, and middleware.
- Database Management: Working with **MongoDB** and **PostgreSQL** to build and interact with databases, handling CRUD operations, and understanding data relationships.
- User Authentication: Learning how to implement user authentication and authorization using **JWT** and **OAuth** for secure login systems.
- Agile Workflow: Participating in group projects following **Agile** methodologies, attending daily stand-ups, and completing tasks in sprints.

EDUCATION

BSc in Information Technology

University of Rwanda, College of Science and Technology

SKILLS

React	JavaScript
TypeScript	Next Js
Node JS	JAVA
Git	Docker
Agile Methodology	Linux
REST APIs	SQL/NoSQL
FLUTTER	PHP
UI/UX	Python
AI Essentials	REACT Native

PERSONAL PROJECTS

Sevens E-Commerce

- react, node JS, mongodb

VibeCheck : Mood-Based Discovery and Real-Time Venue Experience Platform

- React Native
- React
- mongodb
- Node JS

Restaurant-Chat-Bot

- typescript, node Js , mongodb

ACHIEVEMENTS

Achievement Name

LANGUAGES

English <i>Full Professional Proficiency</i>	Kinyarwanda <i>Full Professional Proficiency</i>
Kiswahili <i>Limited Working Proficiency</i>	French <i>Limited Working Proficiency</i>

INTERESTS

Coding	Reading	Traveling	Cooking
Meeting neww people and leaning what I can from them			