

Henri Tresor SHIMWAMANA

Kigali, Rwanda

shimwamanahenritresor@gmail.com | +250795472093

GitHub: <https://github.com/henritresor>

Summary

Resourceful full-stack software engineer with hands-on experience building and deploying web and mobile applications. Skilled in React, Node.js, Django, and Spring Boot, with strong knowledge of databases and cloud deployment. Proven track record delivering impactful projects from AI-driven dashboards to accessibility apps. Committed to clean code, scalability, and solving real-world problems.

Projects

- **Projexess**

An AI-integrated project management tool designed to help managers make data-driven decisions. Projexess analyzes market trends, predicts timeline, and delivers accurate metrics to streamline planning and boost productivity.

React, Node.js, Python, AI APIs • [live](#)

- **Verba**

Real-time mobile translator with conversation recording, multilingual support, and translation history management.

React Native, Expo, Supabase, Fast API • [github](#)

- **Conexus**

An accessibility-focused application that empowers individuals with disabilities to better interact with digital systems and navigate both indoor and outdoor environments more easily.

Next.js, React Native, Node.js, Unity • [live 1](#) | [live 2](#)

- **Twezimbe**

A crowd funding and group management tool that simplifies contribution tracking and financial transparency.

React, NodeJS, PostgreSQL • [live](#)

Experience

- **2023 - present: Freelance Full-Stack Developer (Remote):**
 - Independently developing full-stack applications for various clients using modern frameworks and agile practices.
 - Maintaining code quality, implementing CI/CD pipelines, and deploying apps to cloud platforms.
- **2023 - 2025: Brainiacs Mentor, Rwanda Coding Academy (Nyabihu):**
 - Facilitated training sessions to help fellow young students grasp core programming concepts.
 - Mentored peers in project-based learning and contributed to open-source collaboration.

Education

- **2023 - 2025: Rwanda Coding Academy:** Diploma in Software Engineering

Professional Training

2023: Software Engineering, ALX (Remote): Completed rigorous hands-on training in advanced software engineering topics including systems engineering, backend APIs, and DevOps practices.

Technical Skills

Frontend: React, Next.js, React Native, TailwindCSS, Bootstrap

Backend: Node.js, Django, Spring Boot, Flask, FastAPI

Databases: PostgreSQL, MySQL, MongoDB

DevOps & Tools: Git/GitHub, Docker, CI/CD, Google Cloud, Vercel

Other: Machine Learning with Python, REST API design

Languages

Kinyarwanda - Native

English - Fluent

French - Conversational

References

Available upon request.