

# IRAKOZE FREDY

Frontend Developer | Computer Science Student

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 Musanze / Ruhengeri, Rwanda

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 INES-Ruhengeri, Year II

## PROFESSIONAL SUMMARY

Dedicated and detail-oriented Computer Science student at Institut d'Enseignement Supérieur de Ruhengeri (INES-Ruhengeri), with a strong foundation in frontend web development. Proficient in building clean, responsive, and accessible interfaces using HTML5, CSS3, and JavaScript. Passionate about creating digital solutions that address real community needs in Rwanda and beyond. Eager to contribute technical skills in a professional environment through an internship or junior developer role.

## EDUCATION

### Bachelor of Science in Computer Science

Institut d'Enseignement Supérieur de Ruhengeri (INES-Ruhengeri)

2024 – Present

Ruhengeri, Rwanda

- Year II — FEB Day Program (2025–2026 Academic Year)
- Relevant coursework: Advanced Web Design & Development, Data Structures, Database Systems, Operating Systems
- Assignment: Personal Portfolio Website demonstrating semantic HTML5, CSS Flexbox/Grid, responsive design, DOM manipulation with JavaScript

### Rwanda Secondary School Certificate (A-Level)

Secondary School — Mathematics, Computer Science, Physics (MPC)

Completed 2023

Rwanda

- Achieved strong results in Mathematics, Physics, and Computer Science
- Developed foundational problem-solving and analytical thinking skills

## TECHNICAL SKILLS

- HTML5 — Semantic markup & accessibility
- CSS3 — Flexbox, Grid, animations
- JavaScript (ES6+) — DOM manipulation, form validation
- Bootstrap — Responsive component framework
- Git & GitHub — Version control & collaboration
- Responsive Web Design — Mobile-first approach
- VS Code — Primary development environment
- Basic Python — Scripting & problem solving
- JSON & REST APIs — Fetch & data handling
- Command Line / Bash — File & project management

## ACADEMIC PROJECTS

### Personal Portfolio Website

INES-Ruhengeri — Advanced Web Design Assignment

Feb 2026

HTML · CSS · JavaScript

- Built a fully responsive 7-section portfolio site from scratch (no templates or frameworks)
- Implemented Student GPA Calculator with live DOM manipulation and input validation
- Integrated dark/light mode toggle, mobile hamburger menu, and active nav-link highlighting
- Applied semantic HTML5 structure, CSS Flexbox/Grid layouts, and media queries for mobile, tablet, and desktop
- Deployed on GitHub with clean commit history and comprehensive README including AI usage declaration

## E-Commerce Product Page

Personal Project

2025

HTML · CSS · JavaScript · Bootstrap

- Designed a responsive product listing page with client-side filtering and sorting
- Improved user experience for low-bandwidth connections by avoiding full page reloads
- Implemented Bootstrap grid layout with custom CSS overrides for a polished UI

## Student Task Manager

Personal Project

2025

HTML · CSS · JavaScript · LocalStorage

- Developed a browser-based task organiser for INES students to manage assignment deadlines
- Used LocalStorage API to persist tasks across browser sessions — no backend required
- Features: add, prioritise, mark complete, and delete tasks with real-time DOM updates

## Weather Dashboard App

Personal Project

2025

HTML · CSS · JavaScript · REST API

- Integrated a public weather REST API to display real-time forecasts for any city
- Designed a clean, readable UI optimised for users in Rwanda checking local conditions
- Handled API errors gracefully with user-friendly validation messages

## LANGUAGES

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### Kinyarwanda

Native / Mother tongue

### French

Fluent (Professional)

### English

Professional working proficiency

## INTERESTS & ACTIVITIES

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| <ul style="list-style-type: none"><li>• Open-source web development</li><li>• UI/UX design principles</li><li>• Tech communities &amp; hackathons</li></ul> | <ul style="list-style-type: none"><li>• Digital solutions for Rwanda</li><li>• Reading about software engineering</li><li>• Teaching peers coding fundamentals</li></ul> |
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## REFERENCES

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Available upon request. Academic referees from INES-Ruhengeri Department of Computer Science.