UHIRWE ESTHER Hope
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1.Personal Profile

I am a motivated and detail-oriented software engineering student with a strong foundation in full-stack development, specializing in the MERN stack. With hands-on experience building scalable, user-friendly web applications, I am skilled in real-time communication, database design, and solving complex problems. I am passionate about using technology to create innovative solutions that address real-world challenges.

2.Education Bachelor of Science in Software Engineering

Fawe Girls School| *January 2020 – 2023*

- Relevant Courses: Math, Physics, Chemistry, Biology, among others
- Achievements: Getting the best grades in ordinary level examination

High School Diploma (Software Engineering And embedded systems)

Rwanda Coding School, Western Province , Rwanda | *September 2017 – August 2026*

- Relevant Courses: Web development, Mobile development , Blockchain technology
- Achievements: Having successful projects

3.Work Experience

Freeelancing online | May 2025

Free code camp, Kigali, Rwanda | June 2023 – December 2023

4.Technical Skills

- **Programming Languages:** JavaScript, Python, Java
- **Frameworks & Libraries:** React, Next.js, Node.js, Express.js, Tailwind CSS
- **Databases:** MongoDB, MySQL
- **Tools & Platforms:** Git, Docker, VS Code, Postman
- **Other Skills:** REST APIs, Agile Methodologies, Real-Time Communication, UI/UX Design

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5.Projects Rangurura - Citizen Reporting Platform

- Developed a platform connecting citizens with leaders for efficient issue reporting and tracking using the MERN stack.
- Integrated location tracking and announcement features to enhance user engagement.
- Deployed using Docker for scalability and conducted usability testing with 50+ users.

Real-Time Chat Application

- Built a chat application using React and Socket.IO, enabling real-time messaging with typing indicators.

- Implemented user profile management and search functionality for an enhanced user experience.
- Utilized MongoDB for efficient message storage and retrieval.

6.Certifications
- Certified Blockchain Developer – Blockchain Council, 2024
- React Developer Certification – Codecademy, 2023
- Responsive Web Design – freeCodeCamp, 2023

7.Achievements & Awards
- Winner, RCA Hackathon, Hotel Milles Collines, Kigali, 2024
- Certificate of Excellence, Code Alpha Internship Program, 2024
- Participated in AI hackathon in Intare conference Arena

8.Extracurricular Activities
- Part of Volley Ball team in Rwanda Coding Academy
- Secretary in Church Committee

9.Languages
- English: Professional Proficiency
- French: Conversational
- Kinyarwanda: Native

10.References
Dr Awet Fesseha
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Sr Grabriel
Email: Gabriel.gmail.com