Ryan Kevin Karera

📞(+250)782-765-275 • ✉ ryankarera@gmail.com • 🌐 mafupa.dev • LinkedIn • Github

Software engineering student at the Adventist University of Central Africa and Software Development Trainee at The-Gym based in Kigali. Skilled with Javascript, Java and Python full stack development. Indie game developer on the side.

Experience

Software Development Program, The Gym Rwanda   Since November 2024
Software Development Trainee
- Developed full-stack web applications using React.js, Node.js, Nest.js, Express and Tailwind CSS.
- Applied agile methodologies, TDD, CI/CD, and code review best practices.
- Collaborated on real-world projects in a team-based development environment.
- Strengthened problem-solving, communication, and version control skills.
- Improved time-management, writing and presentation skills.

Formation

Faculty of Information Technology, Adventist University of Central Africa   Since January 2023
Software Engineering Degree

Ecole Francophone Antoine de Saint Exupéry   2019 - 2021
High-school Diploma

Skills

Programming Languages: Javascript/Typescript, Python, Java, C/C++
Databases: MySQL, PostgreSQL, MongoDB, SQLite
Frameworks & Libraries: React.js, Node.js, Express, Nest.js, Django, Spring Boot
Cloud & DevOps: Git/Github, Docker, Postman, Hoppscotch, AWS EC2
Other Skills: REST APIs, Linux/Unix, Data Structures & Algorithms
Languages: English, French

Projects

Mafuno - Multiplayer Card Game   Live demo
Node.js | Express web app for an online multiplayer card game using websockets.

Tabiya Taxonomy Visualization   Live demo
Node.js | Express | Sigma.js web app to visualize the open source tabiya taxonomy job data.

Taskora - Rwanda's Freelancing Platform
Node.js | Express | MongoDB | React web app for a freelancing platform aimed at local users.

Certifications

Networking Operations (NETOPS I)   Internet Society Learning
Networking Essentials   Cisco Networking Academy