

Emmanuel Francis

Kigali, Rwanda
emmafrancis0927@gmail.com | +250 798 684 867
LinkedIn | GitHub

SUMMARY

Motivated and self-taught Full Stack Developer passionate about building scalable, modern web applications. Currently developing a Beat Selling SaaS platform using the MERN stack and AWS. Quick learner with strong problem-solving skills and currently preparing to master data structures and algorithms using Python.

PROJECTS

Beat Selling SaaS Platform

GitHub Repo

- Stack: Next.js (TS), Tailwind CSS, Node.js, Express, MongoDB, AWS S3
- Developed a full-featured beat selling MVP
- Supports beat upload (with cover image/audio), licensing options, cart, and checkout flow
- Mocked payment gateway while awaiting real integration (e.g., Binance Pay)
- Clerk-based authentication
- Deployed frontend to Vercel, backend to Railway

Sleep Tracker Platform

Coming Soon

- Stack: Next.js (TS), Tailwind CSS, Node.js, Express, MongoDB, AWS S3, Clerk
- Tracks user's sleep duration and mood on wakeup
- Displays data in personalized dashboard with auth-only access

EDUCATION

Independent University of Kigali (ULK)

Bachelor's Degree in Computer Science (Expected 2027)

June 2023 – Present

Kigali, Rwanda

- Currently completing Year 2; starting Year 3 in September 2025

Self-Taught Developer

- Learning software engineering through real-world projects
- Preparing for technical interviews via DSA and LeetCode in Python

TECHNICAL SKILLS

- **Frontend:** Next.js 15, TypeScript, Tailwind CSS
- **Backend:** Node.js, Express.js
- **Database:** MongoDB, Mongoose
- **Cloud & Storage:** AWS S3
- **Tools:** Git & GitHub, Vercel, Railway, Clerk Auth
- **Learning:** Python (DSA & LeetCode)