

Emmanuel Francis

+250798684867 | gamerfilthi@gmail.com | [linkedin.com/in/emma-francis09](https://www.linkedin.com/in/emma-francis09) | github.com/emmafrancis09

EDUCATION

Kigali Independent University

Bachelors degree in Comp Sci (Cs)

Kigali, RW

Sep. 2023 – Dec 2027

EXPERIENCE

Undergraduate Research Assistant

Kigali Independent University

June 2023 – Present

kigali, RW

- Developed a REST API using Nodejs and Express and MongoDB with mongoose to store data
- Developed a full-stack web application using nodejs, Express, for backend and mongodb to store the data and Nextjs, React and Tailwindcss for frontend and also git to track different version changes
- Explored ways to visualize GitHub collaboration in a classroom setting with my colleagues

Information Technology Support Specialist

Kigali University

Sep. 2023 – Present

Kigali, RW

- Communicate with managers to set up campus computers used on campus
- Assess and troubleshoot computer problems brought by students, faculty and staff
- Maintain upkeep of computers, classroom equipment, and 20 printers across campus

PROJECTS

Fullstack Todo App | *React, Nextjs, Nodejs, Express, MongoDB, Mongoose*

April 2024 – Present

- Developed a full-stack todo web application using with nodejs serving a REST API with React and Nextjs as the frontend
- Implemented GitHub OAuth with Clerk as the auth provider to authenticate users and avoid unauthorised users from using my web app
- Reduced my costs and expenses by hosting on free platforms like netlify for my frontend and render for my backend

Beat-selling Platform | *React, Nextjs, Nodejs, Express, MongoDB, Mongoose* Jan 2025 – Present

- Developed a full-stack beat-selling web application using with nodejs, built a REST API with Express and Stored the beat,artists and producers details and metadata using mongoDb and mongoose as the ORM and for the uploaded files and images i used AWS S3 bucket to store and retrieve them when needed while for the frontend I used nextjs, typescript and tailwind css and a little bit of shaden ui components
- Implemented auth with Clerk and added auth providers like Google and Github to make login and out easier and to also authenticate users and avoid unauthorized users from using my web app
- For hosting I used vercel for my frontend and aws for my backend

SKILLS

Languages: Typescript, JavaScript, HTML/CSS, NoSQL (MongoDb)

Frameworks: React, Next.js, Tailwindcss

Developer Tools: Git, Github, AWS S3, Visual Studio