

CV / Resume

Emmanuel Odii

Full stack developer

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Based in Rivers, Nigeria

Some relevant links about me

[Homepage](#)

[LinkedIn](#)

[Medium](#)

[GitHub](#)

[Twitter](#)

SKILLS

BACK END DEVELOPMENT: Node.js, Express.js, Nest.js, GraphQL

FRONT END DEVELOPMENT: Javascript, React.js, Redux, Next.js, Typescript

DATABASES: SQL, PostgreSQL, Supabase.

COLLABORATION: Git, GitHub.

Cover Letter

Hello, I'm Emmanuel, a Software Engineer.

My journey in software engineering began with a fascination for problem-solving. I've discovered that software has the power to tackle numerous real-world issues. I thrive on finding problems and using my skills to create effective solutions.

My tech toolkit spans from Dockerized infrastructure and PostgreSQL database

development to building backend systems with NestJS and crafting responsive web clients using NextJS and TailwindCSS.

I'm also passionate about documenting and sharing my progress publicly, whether it's through Medium or LinkedIn.

If I'm not working, you'll find me listening to podcasts about startups. When I'm even bored with that, I just learn to play the bass guitar.

Work Experience

September 2023 - Present

TarotMaster (preview)

Role: Full-Stack Engineer (Next.js, Nest.js, SQL)

- Developed a secure and user-friendly Google authentication using Nest.js and Passport.js, guaranteeing personalized access to user data.
- Implemented websockets technology to create a real-time chat functionality, ensuring instantaneous communication within the application.
- Incorporating OpenAI's API to enable users to chat with various tarot assistants within the application, along with effective methods to handle any potential errors.
- Implemented a monthly subscription payment system to give users access to premium features in the application.
- Deployed the frontend code to Vercel for high-performance hosting, while the backend was deployed to Railway

LANGUAGES

English: Fluent

Igbo: Native

PROJECTS

Task Manager App (preview)

Task Manager App is an open source alternative for LINEAR, JIRA, & ASANA. A way for organizations to manage tasks amongst a team.

- Built with Next.js, Nest.js, TypeORM, PostgreSQL and Tailwind CSS
- Implemented anonymous authentication, so that users can immediately use the platform and provide feedback.
- Implemented the ability to create a workspace, and invite people to it.
- Implemented the ability to assign task to members of a workspace

Dougscore Search (preview)

I found a YouTuber called DougDeMuro with over 4 million subscribers. He makes videos about cars and has reviewed over 400 cars. But he has all that information stored in a Google Sheet, making it very difficult for users trying to find specific cars.

Source Code.

- Built with Next.js, Prisma, MySQL and Tailwind CSS

- I designed the schema as seen in the google sheet using prisma, then i converted the data from CSV to a MySQL database.
- Created a dynamic user interface using Next.js and enhanced the user experience with Tailwind CSS.
- I also implemented a search system that should enable users easily find any car they want.
- Deployed the frontend code to Vercel for high-performance hosting.
- Chose PlanetScale as the production database for MySQL, ensuring scalability and reliability