Francis Sanchez

Full Stack JavaScript Dev

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PROFILE

Dynamic Full Stack JavaScript Developer with extensive experience in building scalable web applications using modern frameworks like React, Next.js, Node.js, and Proficient in both front-end and back-end technologies, I'm eager to keep expanding my knowledge.

SKILLS

Frontend: JavaScript, Typescript, React.js, Next.js, Vue.js, Material UI, TailwindCSS.

Backend: Node.js, Express.js, PostgreSQL, MongoDB.

Others: Postman, Git, Jest.

Soft Skills: Teamwork, Collaboration, Communication, Time Management, Problem Solving, Planning.

EDUCATION

Web Development Co-op Diploma | *Cornerstone College*, Vancouver, Canada
Sep 2023 – Aug 2024

Marketing Bachelor's Degree | *Unapec*, Distrito Nacional, Dominican Republic
Jan 2018 – Aug 2023

PROJECTS

Full projects description on GitHub repository

Galaxy Surfers – **3D Inventory Management System**

During this project, I successful implemented REST APIs, integrated 3D models using Three.js, and developed a backend with Node.js and Express. I connected the app to a PostgreSQL database, following the MVC architecture with controllers, routes, and models. I also set up database migrations to transition data to the production environment and created seed files to populate tables with initial data also for user notifications, I utilized React Toastify to handle alerts upon completed actions.

Technologies used: React, Typescript, TailwindCSS, Node.js, Express, and PostgreSQL.

[GitHub](#) | [Live Preview](#)   [YouTube video](#)

MERN-GPT-AI – **Chatbot OPENAI API**

This Chatbot application facilitates seamless interaction with the GPT-4 model, delivering intelligent conversational responses. It features a robust user authentication system, including login and signup functionalities, which save a cookie upon successful submission for secure access. Backed by JSON Web Token (JWT) validation, the application ensures a secure and personalized experience.

Technologies used: React, Typescript, MaterialUI, Node.js, Express, and MongoDB.

[GitHub](#) | [Live Preview](#)

Vidtube – **Video Player Application**

Implemented a dynamic data-fetching function to handle API requests from various endpoints. This function was designed to handle different functionalities, such as retrieving video data and handling search queries.

Technologies used: React, Typescript, TailwindCSS, Material UI Node.js and Express.

[GitHub](#) **|** [Live Preview](#)