

# 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.

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

**Others:** Postman, Git, Jest.

**Concepts:** OOP, Clean Code, Data Structures, Algorithms.

**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 successfully 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](#)