

# Francis Sanchez

-FullStack Developer-

Vancouver, BC, Canada - francis.albert.2009@gmail.com - [LinkedIn](#) - [Portfolio](#) - [GitHub](#) - [Frontendmentor](#) - [Leetcode](#)

## SUMMARY

Full Stack Developer with more than 1 year of hands-on experience building web applications with a strong focus on clean, efficient code. I specialize in JavaScript frameworks like React, Next.js, and Vue.js, and have solid experience with backend development using Node.js, Express, and PostgreSQL. Passionate about problem-solving and enjoy working on challenging algorithms to optimize application performance. Thrive in collaborative environments.

## EDUCATION

### Cornerstone College

Web Development Co-op Diploma

- Full Stack Development

Vancouver, Canada

Sep 2023 - Aug 2024

### Unapec University

Bachelor's Degree in Marketing

Distrito Nacional, Dominican Republic

Jan 2018 - Aug 2023

## ADDITIONAL RELEVANT PROJECTS

### Galaxy Surfers - 3D Inventory Management System

- Successfully implemented RESTful APIs to facilitate seamless communication between the front-end and back-end.
- Integrated 3D models using Three.js to enhance user engagement and interactivity
- Developed a robust backend with Node.js and Express following the MVC architecture with organized controllers, routes, and models
- Established database migrations to ensure smooth data transitions to the production environment
- Used Skills: React, TypeScript, TailwindCSS, Node.js, Express, PostgreSQL

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

[YouTube video](#)

### MERN-GTP-AI - Chatbot OpenAI API

- Developed a Chatbot application that enables seamless interaction with the GPT-4 model, providing intelligent conversational responses
- Implemented a robust user authentication system with login and signup functionalities, ensuring secure access through cookie storage upon successful submission
- Utilized JWT validation to maintain a secure and personalized user experience
- Used Skills: React, TypeScript, MUI, Node.js, Express, MongoDB, OpenAI

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

### Vidtube - Video Player Application

- Developed a Video Player application utilizing the YouTube API from RapidAPI, enabling seamless access to video content
- Implemented user authentication with basic login and signup functionalities to enhance user security and experience
- Features include:
  1. Vide detail page for in-depth information and playback
  2. Search functionality to easily discover videos based on user queries
  3. Channel detail page to showcase specific content creators and their videos
  4. Dynamic video feed integration to display trending and related videos
- Used Skills: React, TypeScript, Tailwind CSS, Node.js, Express, MongoDB, Jest

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

## KEY ACHIEVEMENTS

### Collaboration

Work in group projects of 3 to 5 members to build a full stack application merged pull request and solve merge conflicts, I also manage a project on GitHub assigning task to each individual person of the group.

### Frontend Skills

Make use of a platform called [frontendmentor](#) that provides with figma designs to translate those designs into code for around 5 months and still do when i have free time.

### Algorithms and data structure

Solved more than 15 leetcode problems utilizing Python and JavaScript to relate myself with these algorithms and also to learn the syntax of Python programming language.

## SKILLS

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**Frontend:** React, Next, Vue, Material UI, Tailwind CSS, Bootstrap, JS/TS

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

**Others:** Postman, Git, Jest, Firebase, Docker

**Concepts:** Clean Code, Algorithms

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

## WORK HISTORY

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**Technical Support Specialist**  
*AloricaDR*

Distrito Nacional, Dominican Republic  
Oct 2022 – Feb 2023

During this role if the customer had an issue with their mobile devices, tablet or laptop I had to give them a solution and provide an excellent customer service to build a relation between the company and the customer.

**Game Sales Associate**  
**Cedar Point Park**

United States  
May 2022 – September 2022

On this role, I assisted visitors by helping them navigate and enjoy the game I was participating in. My responsibilities included guiding visitors through the gameplay, offering instructions, answering questions, and ensuring a fun and engaging experience for everyone involved.