

Alejandro Agredo

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I am a web developer fascinated by problem-solving and creating interactive graphical interfaces. I like to always be up to date with the latest trends and technologies in my field, and I strive to improve my skills on every project I get the chance to work on. I consider myself a creative person with analytical skills, which allows me to effectively address any challenge that comes my way in web development. In addition, I like to work in a team and I can adapt to different work environments.

SKILLS

- React
- Vite
- Next.js
- MongoDB
- PWA
- Webpack
- MailerLite
- TypeScript / JavaScript
- CSS 3 / Sass
- HTML 5
- Node Js
- Express Js
- Tailwind Css
- Stripe
- Restful API
- Socket.IO
- WebSocket
- Git / GitHub
- Postman
- Firebase

Education

IT and Systems Technician, CESCO
Honor: Magna cum laude

01/2018 – 06/2019

Cyber Security Seminar, CESCO

4 credits

Experience

Independent Freelancer

2020 - Present

- A product inventory management website for a small business. It offers a user-friendly interface to add, update, and remove products from inventory. It also allows users to track stock and product inputs and outputs. The website is built in React and uses Sass as the styling framework, and Firebase for the database and user authentication.
- Jiyaki: Motivational support website that helps users track progress on their personalized daily goals, such as daily steps or hours of sleep. It also offers multimedia content related to emotional well-being and mental health, and allows users to participate in a group support chat. The website is built on React and uses Sass as the styling framework, and Firebase for the database and user authentication.

- Apollo chat: Chat PWA with push notifications. Users can send and receive messages in real time, as well as receive push notifications when they receive a new message. The application is built with Next.js and uses Tailwind CSS as the styling framework and Firestore as the database.
- Ama y Liberate: Website that offers paid content to users after they fill out a form and make a successful payment. Users receive automated content through their email using MailerLite. The website is built with Next.js and uses Tailwind CSS as the styling framework, Firestore as the database, and Stripe to handle payments.
- Create various personal portfolio web pages using Next.js and Tailwind CSS as development and styling frameworks, respectively. The web pages offer an attractive and easy-to-use presentation of their work and skills, and are designed to be responsive and adapt to different screen sizes. They are optimized for fast loading and optimal performance, and offer a smooth and pleasant user experience.
- I created 4 npm typescript libraries that offer a full set of drawing functions to drive the logic behind my own interactive HTML canvas animations and browser games. The libraries are "@apjs/vector", which offers a basic vector math class for performing 2D and 3D vector operations; "@apjs/dynamic", offers a set of functions to facilitate the creation of animations in a 2D environment of the html canvas; "@apjs/tensor", which provides a multidimensional tensor class for performing tensor operations; and "@apjs/ml", which offers a set of basic machine learning algorithms for implementing machine learning models.