Juan Almanza *Frontend developer*

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About me

I'm a 14 years old software developer doing web development, backend, and competitive programming passionate about doing projects for the good of society. I have done multiple projects in react, svelte, python and others and I love to learn by doing projects, and thanks to these we have been able to make achievements such as bringing education to communities without internet, advising students to choose a university, and optimize medical consultations up to 75%.

Projects

CollegeLoans,
An all-in-one platform for College Planning.
CollegeLoans is a platform that allows you to do college planning based on your SAT scores and annual income so that you can study without any unforeseen events. It tracks and predicts your debt based on your income and also recommends schools based on your SAT scores.

More Info ⧉ , Demo ⧉ , Repo ⧉

My MedicAid, *Increasing the productivity of medical consultations up to 75%.*
Using React I developed the frontend of this application that stores the patient data and only adds the new information required (since one of the biggest problems of medical consultations is that you need to enter all the data manually in each consultation), also with this data using APIMedic we can give personalized diagnoses, and based on the opinion of doctors who tested it a consultation will go from 20 to 5 minutes.

More Info ⧉ , Demo ⧉ (The demo does not include a functional backend), Repo ⧉

EasyTravel,
The collaborative way to discover the world
EasyTravel is a platform where users can add a point on the map and associate a youtube video to it, it is designed so that people can share their cultures, lifestyle and favorite places and people from all over the world can get to know that place in a more interesting way based on the experiences of people who have been there.

More info ⧉ , Demo ⧉ , Repo ⧉

Skills

Javascript
React, Svelte, Vanilla, NodeJS

CSS
TailwindCSS, Bulma, Bootstrap, Vanilla

Python
FastAPI, SQLAlchemy, Jinja2

C/C++
Competitive Programming, Algorithms

Awards

2nd Place, *Colombian Computer Olympiad*
30/10/2021
National programming olympiads, selected for training camp and possible member of the Colombian team for the International Olympiad in Informatics.

3rd Place, best web monetization project and best use of Linode Cloud, *Hack Around The World*
24/10/2021
I developed the app in react using the Google Maps API, using web monetization with Coil, and handling authentication with Auth0.

2nd Place, *Hack The Valley V by Univeristy of Toronto*
17/10/2021
I developed the frontend of My MedicAid using React, NextJS, TailwindCSS, and the APIMedic API, in addition to connecting the CRUD made in Express and MongoDB.

2nd Place and Best Financial Data Hack,
Data Day Grind 2.0 by MLH and Addepar
10/10/2021
Develop the CollegeLoans frontend and school recommendation system using React, TailwindCSS and Auth0, in addition to the CollegeAI API.