David Castro

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Languages: English C2, Native Spanish   https://www.linkedin.com/in/davidcastroanaya/

EDUCATION

Academlo   January 2020 - September 2022

Full Stack Web Development Program

Mexican School of Electricity   January 2017 - December 2019

Electronics Technician

Universidad del Valle de Mexico   August 2013 - December 2017

Bachelor of Science in Biomedical Engineering

MAIN PROJECTS

Medicalendar - No Country   November - December 2022

An application to schedule medical appointments with a specialist in a network of hospitals. Layout in Front-End, with a multidisciplinary and international team (UX/UI, Frontend, Backend).

- Managed the project as Team Leader to establish sprints and follow up on the project in 5 weeks.
- The application was designed and deployed to show the Front End layout with Tailwind CSS.
- Github was used to manage 3+ releases per week to review and merge changes.

E-Commerce   September 2022

E-Commerce developed through an API. Material UI was used to develop the website environment.

- Implemented HTTP requests to the REST API to be able to simulate product selection, delete, and confirm purchases.
- Reinforced the knowledge of REACT JS to create protected routes, JSON Web Token authentication, and layout using pure CSS.

Pokédex   August 2022

Web Application where users can access the official Pokémon API to enter, search for a Pokémon, filter by category, or view statistics.

- API was fetched with Axios, uncontrolled Input for a search bar and layout with pure CSS.
- UX/UI design based to do the front-end.

Weather App   July 2022

Application to access the Weather API, so that the user can have weather information in their current location or in another city in the world.

- The interface was designed with Tailwind CSS, handling hooks states to switch between imperial and metric systems.
- Web content API Geolocation to access the user's location through the Navigator Object.

WORK EXPERIENCE

Abbott Laboratories S.A. de C.V.   Mexico City, Mexico

Continuous Improvement Coordinator   May 2020 - December 2022

- Gained leadership skills by leading 5+ departments to manage Improvement and Savings projects for an annual goal of 500K USD.
- Reduction of 8 hours per month for a record in Excel of kilograms and hours of use of manufacturing equipment through Excel VBA programming. As well , I trained a coworker to create his own macros.
- Led a project to reduce from 16 to 10 hours the time spent preparing a manufacturing area using Lean Manufacturing and Six Sigma tools.

Abbott Laboratories S.A. de C.V.   Mexico City, Mexico

Continuous Improvement engineer   March 2018 - May 2020

- I supported the management and implementation of multidisciplinary projects to achieve savings of 300K USD per year.
- I used online tools to manage work meetings, minutes and project tracking to achieve projects through VBA programming and task automations.
- Trained +30 hrs for coworkers starting into programming through VB.

SKILLS

PROGRAMMING LANGUAGES

5 years:	VBA
3 years:	JavaScript
1 year:	Swift
1.5 years:	Python, TypeScript

TECHNOLOGIES

HTML, CSS, NodeJs, Express, SQL, Git, React Redux, Tailwind, Bootstrap, SwiftMonkey, Saas, Vapor.