LUIS HERRERA CONTRERAS

FRONTEND DEVELOPER

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PROFILE

Industrial Engineer and Frontend Developer. I combine my experience in process optimization, problem solving and project management with technical skills in programming, responsive design, API consumption, unit testing and version control. I am focused on applying my transferable skills and technical knowledge to develop innovative and efficient solutions in the field of web development.

PROJECTS

Calendar - Web application for event management

I created a web application that allows users to manage events in an interactive calendar, similar to Google Calendar. The platform enables users to create, edit, and view events, with a design focused on accessibility and efficiency.

- Full Stack development with **MERN** and authentication with **JWT**.
- Global State Management with **Redux**.
- Unit and Integration Testing with **Jest**.
- Responsive Design with **Bootstrap**.

Translator app - Web Translation Application

I developed a web application that translates text in real-time into multiple languages using the Deepl API. The application automatically detects the language of the text.

- Development with **TypeScript** and **React**.
- API Request Optimization with Debounce.
- Implementation of Light/Dark Mode with **TailwindCSS**.

PopCorn Film - Web Application for Searching and Watching Trailers

I developed a web application that allows users to search for and watch trailers of their favorite movies and series. The platform makes it easy to search and view content, with a design inspired by applications like Amazon Prime Video.

- Frontend development with **React** and API requests using fetch.
- Route management with **React Router Dom**.
- Responsive design with **TailwindCSS**.

VivaColor - Web Application for Color Palettes

I developed a web application that allows users to generate and customize color palettes for design projects. The application makes it easy to edit colors, displays examples on UI elements, and enables copying colors in hexadecimal format.

- Frontend development with **React** and creation of custom hooks.
- Responsive design with **TailwindCSS**.

SKILLS

- React.
- JavaScript.
- TypeScript.
- HTML.
- CSS.
- TailwindCSS
- MaterialUI.
- MongoDB.
- MySQL
- Node.js.
- Express.js.
- Jest y RTL

LANGUAGES

- English (B1)
- Spanish(Native)

EDUCATION

Industrial Engineer
2017
Universidad Tecnológica de Bolívar

CERTIFICATIONS

React: From Zero to Expert (Hooks y MERN) - Udemy (2024)
React.js Course with Vite.js and TailwindCSS - Platzi (2024)
TypeScript Fundamentals Course - Platzi (2024)