WILSON MEDINA ARRIETA

Frontend Developer

CONTACT

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- wilmed10
- Barranquilla, Colombia

SKILLS

- Figma & Canva
- HTML5 / CSS3
- TailWind
- JavaScript / TypeScript
- React
- Node.js
- Python
- Project management
- Collaboration and communication
- English B2

EDUCATION

MECHATRONICS ENGINEERING
UNIVERSIDAD AUTONOMA DEL CARIBE

WEB DESIGN COURSES
Udemy
2023-2025

PROFILE

Mechatronics engineer focused on web development, specialized in **JavaScript**, **TypeScript**, **Tailwind CSS**, **React**, and **Node.js**. Skilled in creating interactive applications, optimizing interfaces, and consuming **APIs**. With experience in frontend development projects, applies best practices to build efficient, scalable solutions centered on user experience. Currently learning the MERN and PERN stacks to expand expertise in full-stack development.

EXPERIENCE

Service Engineer Intership - Controling S.A.S.
My responsibilities in the company included network normalization and testing, commissioning of equipment (such as switches, GPS, and meters), modifying controllers, modernizing communication networks, and designing and adjusting network blueprints and engineering plans.

PROJECTS

Expense control
https://wilmed10.github.io/expense-control/

Expense planner built with React, TypeScript, and Tailwind CSS. It uses Zustand for state management, React Hook Form for efficient form handling, and a modal for smooth interactions, providing an intuitive expense tracking interface.

HTML TailWind TypeScript React

Cryptocurrency Price Tracker
https://wilmed10.github.io/cryptocurrency-market/

This price calculator retrieves cryptocurrency prices in different currencies via an API. It uses Zustand for state management and Zod to validate responses, ensuring accurate and consistent data.

HTML TailWind TypeScript React API

WILSON MEDINA - FRONTEND DEVELOPER

PROJECTS

Calorie tracker
https://wilmed10.github.io/Calorie-Tracker/

Application developed with React, TypeScript, and Tailwind CSS for styling. Implements state management with useReducer, reusable components, and persistent storage using localStorage. Provides a dynamic and intuitive interface to efficiently calculate the daily net calorie balance.

HTML   TailWind   TypeScript   React

Weather search
https://weather-search-wilmed10.netlify.app/

Weather app built with React. Fetches real-time weather data from an API, validating requests and handling responses efficiently. Provides a user-friendly interface to display weather conditions dynamically.

HTML   CSS Modules   TypeScript   React   API

Consumption and tip calculator
https://wilmed10.github.io/heladeria/

This website was developed with React, using TypeScript and Tailwind CSS for styling. The project includes components with React state management and a custom hook, providing a dynamic and user-friendly interface to efficiently calculate tips and split bills.

HTML   TailWind   TypeScript   React

Virtual guitar store
https://wilmed10.github.io/guitarbaq/

Online guitar store developed with JavaScript and React, using TailwindCSS for styling. The project implements reusable components and utilizes hooks like useState and useEffect for state management, along with localStorage for persistent shopping cart storage, providing a dynamic and interactive user experience.

HTML   TailWind   JavaScript   React

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