

Brandon Carrillo Álvarez

Frontend Developer

Profile

I am a passionate Frontend Developer focused on building clean, intuitive, and functional user interfaces that enhance user experience. I thrive on solving complex problems with efficient, maintainable code and enjoy bridging the gap between design and functionality to deliver scalable and impactful solutions.

Employment History

Frontend and Backend Developer at Santa Cruz Nursing Home, Santa Cruz

July 2024 — Present

Currently contributing to the development of an administrative management system for the Santa Cruz Nursing Home. My work focuses on: Improving code efficiency by implementing reusable and optimized React components.

API management: Developing and integrating APIs with Axios, ensuring seamless communication between frontend and backend.

Project organization: Enhancing structure and maintainability through modular code practices and efficient state management using React Query and Zod.

Technology Stack:

React with Vite, Tailwind CSS, React Query, React Hook Form, TypeScript, Zod, Axios, JWT, C# with .NET, MySQL, and more.

Responsibilities:

I collaborated on designing and developing a scalable system with responsive interfaces using React with Vite and Tailwind CSS, backend functionality in C# and .NET, and database management in MySQL. My role included ensuring type safety with TypeScript and Zod, and optimizing the system through testing and debugging.

Methodologies and Tools:

Followed Scrum for agile development and used Azure DevOps for task management. Managed version control with Git and GitHub.

Education

Diploma in Computer Application Programming, National-University of Costa Rica, Nicoya

February 2022 — November 2024

Bachelor's Degree in Information Systems Engineering, National-

University of Costa Rica, Nicoya

February 2022 — Present

Details

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Links

[Linkedin](#)

[Github](#)

[Website](#)

Skills

React

JavaScript

Git HTML &

CSS NEST

JS C#

Languages

Spanish

English