

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

Costa Rica

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Links

[Linkedin](#)

[Github](#)

[Website](#)

Skills

React

JavaScript

Git

HTML & CSS

NEST JS

C#

Languages

Spanish

English