

Fernando Barrera

Full Stack Developer



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<https://fernando-barrera.vercel.app/>

ABOUT ME

Full Stack Developer with 3 years of experience building high-performance, dynamic applications. My core toolkit includes TypeScript, React, Next.js, and Vite, which I use to create seamless, animated interfaces styled with Tailwind CSS and brought to life with Framer Motion. I leverage MongoDB for data solutions and utilize AI-assisted development to streamline my workflow, optimize code, and accelerate the delivery of robust, user-centric products. I thrive in collaborative environments where I can quickly master new challenges and focus on innovating solutions that enhance both user experience and technical performance.

PROFESSIONAL EXPERIENCE

Full Stack Developer

Exologic LLC - November 2025 - Present

I specialize in building and maintaining full-stack applications, crafting clean user interfaces with Next.js, and connecting them to MongoDB databases through robust APIs.

- Developed and maintained web applications using Next.js and React.
- Implemented RESTful APIs with Node.js.

Website Manager / Full Stack Developer

Red Caribe y Amazonia - June 2025 - October 2025

I am dedicated to building a digital platform that preserves Indigenous, Caribbean, and Amazonian heritage through research-driven education, cultural documentation, and environmental protection initiatives.

- Manage and maintain the organization's website.
- Develop content for environmental awareness and dissemination.

Intern Frontend Developer Engineer

Vainilla Labs - December 2022 - January 2025

I designed and built Vainilla Labs, a financial platform that provides personalized financing plans and savings fund management. Using React, TypeScript, Tailwind CSS, and Framer Motion, I created an intuitive interface that enables users to seamlessly track contributions, manage investments, and monitor their financial growth.

- Built responsive user interfaces with React and TypeScript.
- Optimized application performance and user experience.

Frontend Developer

Trillion Quest - March 2022 - November 2022

I developed an AI-powered enterprise platform to automate manual processes and boost productivity. Using Next.js, React, and TypeScript, I built a robust core, then crafted a seamless modern interface with Tailwind CSS and Framer Motion

- Developed and maintained web applications and features.
- Learned modern web development best practices.

EDUCATION

Computer Engineer

URBE 2015 - 2019

Software Developer in React

Platzi 2020-2022

Computer Engineer

UPTMA 2024 - Present

SOFT SKILLS

- Effective communication
- Teamwork
- Adaptability
- Critical thinking

TECHNICAL SKILLS

- React
- Tailwind CSS
- TypeScript
- MongoDB

LANGUAGES

- English: B1.
- Spanish: Native