

Guillermo Trejo

Frontend Engineer · React · Next.js · TypeScript

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SUMMARY

Frontend Engineer specialising in React, Next.js, and TypeScript, with a track record of shipping AI-powered web applications to production. Built a real-time skin analysis platform achieving 98% detection accuracy and increased user engagement by 60% — bringing the operational precision of eight years in healthcare leadership to every product I build.

TECHNICAL SKILLS

Languages	JavaScript (ES6+), TypeScript, HTML5, CSS3
Frameworks	React, Next.js, Node.js, TailwindCSS, Redux
Tools	Firebase, Stripe, REST APIs, Git, GitHub, Vercel
In progress	AWS (Lambda, API Gateway, DynamoDB), React Native, Jest

WORK EXPERIENCE

Frontend Engineer | *Skinstric AI* · Internship · Remote Sep 2025 – Nov 2025

- Architected a real-time AI skin analysis platform using Next.js and OpenAI Vision API achieving 98% detection accuracy across diverse skin conditions.
- Developed responsive UI components with TailwindCSS and GSAP animations, increasing engagement with skincare recommendations by 60%.
- Optimised performance using Next.js Server Components, reducing analysis processing time to under 2 seconds.
- Implemented efficient image processing pipeline combining OpenAI Vision API with 4D Mini model for enhanced accuracy in skin tone and texture analysis

Staffing Development Manager | *Legend Oaks Healthcare* · Full-time · Kyle, TX Mar 2016 – Sep 2024

- Promoted from CNA to Staffing Development Manager, overseeing recruitment, onboarding, and training for a team of 26 CNAs.
- Maintained 100% accuracy in electronic charting — a critical component of Medicare and Medicaid billing compliance.

SELECTED PROJECTS

Clinical Dashboard | [Live Demo](#) Mar 2026

- Developed a medical dashboard using Next.js, TypeScript, and Node.js with API routes serving mock patient KPIs, occupancy, appointments, and lab results.
- Implemented patient filtering and dynamic data retrieval, simulating real-world clinical workflows.

NFT Marketplace | [Live Demo](#) Dec 2024

- Built a marketplace using React, JavaScript (ES6+), HTML5, and CSS3 with REST API integration for real-time digital asset data.
- Delivered sub-2-second load times through optimised asset fetching and responsive, animated UI components.

Book Store | [Live Demo](#) Oct 2024

- Developed a full-stack e-commerce platform using Next.js, TypeScript, Node.js, and Firebase with Stripe payment integration and Firebase authentication.

Language Learning Platform | [Live Demo](#) Aug 2024

- Built a full-stack language learning app using Next.js, TailwindCSS, NeonDB (PostgreSQL), and Drizzle ORM with Stripe integration.
- Implemented authentication, dynamic lesson progression, user progress tracking, and interactive UI components including voiceovers and in-app purchases.

EDUCATION

Certificate — Frontend Development | Frontend Simplified Nov 2023 – Mar 2026