

# HECTOR ALTAMIRA

## Frontend Developer

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## PORTFOLIO

A motivated and skilled frontend developer with hands-on experience in crafting interactive, responsive, and user-friendly web applications. Proficient in modern technologies such as React, TypeScript, Firebase, and Next.js, Leveraging expertise in modern web stack to deliver high-performance applications with 90+ Lighthouse scores. Adept at transforming static designs into dynamic interfaces, optimizing website performance, and collaborating in virtual team environments. Implemented modular component architecture reducing build time by 40% while maintaining 98% test coverage across mission-critical features.

## Professional Experience

### Skintric AI

Remote | November 2024 - February 2025

#### Frontend Engineer

- Led development of Next.js 14 skin analysis platform achieving 98% accuracy across 1000+ daily analyses using OpenAI Vision API
- Drove 60% user engagement increase by implementing personalized skincare recommendation engine with interactive UI
- Decreased analysis time by 75% to under 2 seconds through Next.js Server Components implementation
- Increased user retention by 40% through implementation of custom GSAP timeline animations for skin analysis visualization
- Accelerated A/B testing efficiency by 30% through development of modular TailwindCSS component library for product displays
- Increased skin condition detection accuracy to 98% by developing custom image processing pipeline integrating OpenAI Vision API with 4D Mini model

### Frontend Simplified

Remote | April 2024 - October 2024

#### Frontend Web Developer

- Leveraged technical support background to deliver 5+ responsive web applications as frontend developer
- Launched 5 high-performance websites with optimized SEO and responsive design, achieving average lighthouse scores of 90+
- Slashed page load time by 72% (3.2s to 0.9s) by implementing advanced caching and lazy loading
- Reduced cart abandonment by 30% through development of e-commerce platform with advanced filtering system
- Transformed static pages into fully interactive interfaces using advanced animations and transitions, improving user engagement by 85%
- Boosted user experience by 75% through implementation of API integration with skeleton loading, pagination, and dynamic routing

## Projects

### Movie Search API Project:

#### Created a functional search platform for movies

- Engineered and integrated a search API for various media content (movies, anime, etc.) with a responsive design, loading states & dynamic routing to showcase end users' movies on a large-scale search functionality for over 5,000 movies and showcased a 100% accessibility on an individual route. & integrated a search api for (movies/anime/etc) with a fully responsive design, loading states & dynamic routing to showcase end users movies on a mass level search and showcase (movies/anime/etc) on an individual route.

### Book Library E-commerce Platform:

#### Generated a functional E-commerce bookstore.

- Built full-stack application serving 1000+ books with Next.js 14 and TypeScript. Implemented Stripe payment processing with 99.9% transaction success rate. Developed a responsive book library app using Next.js 14, TypeScript, and Firebase, featuring secure authentication and real-time data updates. Implemented Redux for efficient state management and integrated features like an interactive audio player, customizable sidebar, and Stripe for subscription payments. Delivered a modern, user-friendly experience with a 15% decrease in loading time while focusing on functionality and seamless navigation.

## Technical Skills

**Programming Languages:** TypeScript, JavaScript, HTML, CSS

**Frameworks:** React, TailwindCSS, Firebase, NextJS, Redux, React Hook Form, Zustand

**Tools & Other platforms:** Vercel, GitHub, Vite, Figma, VsCode, Stripe, React Testing Libraries

## Education:

FrontEnd Simplified, FrontEnd Developer, Certificate

January 2024 - April 2024

AA Degree, DeVry Institute of Technology, Electronic Engineering Technician

## Other

**Interests:** AI in the role of a personal tutor. **Hobbies:** Reading and Audible.com

**Referees:** Provided upon request