

# Hector Pena

## Frontend Developer

([LinkedIn](#)) | ([GitHub](#)) | (424) 279 - 0974 | (hectorpena6590@gmail.com) | (Los Angeles, California)  
([My Portfolio](#))

Versatile Frontend & Fullstack Developer with over six months of hands-on experience building modern web applications. Proficient in React, TypeScript, Next.js, Firebase, and Tailwind CSS, with additional experience integrating APIs, authentication, and Stripe payments. Strong communication and problem-solving skills from a sales background, with a passion for creating seamless user experiences.

## Professional Experience

### Skinstric AI

[Remote | February 2025 - Aug 2025](#)

#### Frontend Engineer

- Architected real-time skin analysis platform using OpenAI Vision API and Next.js, achieving 98% detection accuracy across diverse skin conditions
- Developed responsive UI with TailwindCSS and GSAP animations, implementing dynamic skincare recommendation cards with 60% improved engagement
- Optimized performance using Next.js Server Components and Lottie animations, achieving sub-2-second analysis time for skin condition detection
- Built custom animation system using GSAP timeline for seamless user experience during skin analysis processing, increasing user retention by 40%
- Designed modular component library with TailwindCSS for skincare product displays, enabling rapid A/B testing of recommendation layouts
- Implemented efficient image processing pipeline combining OpenAI Vision API with 4D Mini model for enhanced accuracy in skin tone and texture analysis

### Frontend Simplified

[Remote | Feb 2025 - August 2025](#)

#### Frontend Developer & Support

- Selected as peer mentor after achieving top 5% performance in cohort, providing debugging support and code reviews for 20+ students across React and Next.js projects.
- Created and led workshops on modern frontend optimization techniques, helping students improve their portfolio project load times by an average of 50%.
- Developed comprehensive learning resources for React component architecture and TypeScript, resulting in 70% of mentored students successfully implementing type-safe applications.
- Initiated weekly pair programming sessions focused on accessibility and SEO best practices, leading to 90% of mentored students achieving WCAG compliance in their projects
- Built and shared reusable component library using ShadCN/UI, reducing development time for student projects by 40% and improving code consistency
- Led study groups on deployment strategies and CI/CD, resulting in 85% of students successfully implementing automated deployment pipelines for their portfolio projects

## Projects (personal)

### Summarist – Book Summary Web Application: [Live Demo](#) | [Github Link](#)

- Built a responsive **Next.js/React** platform with personalized book recommendations, audio playback, and a dynamic search experience.
- Integrated **Firebase Auth/Firestore** for user management and **Stripe Checkout** for subscriptions.

### Library – Online Bookstore Platform: [Live Demo](#) | [Github Link](#)

- Developed a **React-based** bookstore with sections for **Featured Books**, **Books on Sale**, and **Categories**, styled with **custom CSS** and **Google Fonts**.
- Implemented dynamic layouts and **Font Awesome icons** to create an intuitive and engaging shopping experience.

## Technical Skills

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

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

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

## Education:

Frontend Simplified | [Certificate](#)

[February 2025 - August 2025](#)

## Other

**Interests:** Gym, hiking