

Nicholas A. SanMartin

Frontend Developer

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Professional Experience

WorkerBee Tech Coop LLC

Remote | April 2025 - Current

Frontend Engineer

- Develop and implement responsive, interactive web interfaces using HTML, CSS, and JavaScript (and frameworks such as React, Angular, or Vue.js as applicable)
- Collaborate with UI/UX designers to translate design mockups and wireframes into functional, pixel-perfect user interfaces
- Optimize web applications for maximum speed, scalability, and cross-browser compatibility
- Work with back-end developers to integrate APIs and ensure seamless data flow between front-end and back-end systems
- Debug, troubleshoot, and resolve front-end issues to ensure a consistent and high-quality user experience
- Maintain and improve existing websites and applications, implementing new features based on user and client feedback
- Write clean, maintainable, and reusable code following best practices and participate in code reviews to uphold coding standards
- Stay current with emerging front-end technologies and trends to continuously improve development processes and user experiences

Skinstric AI

Remote | September 2024 - December 2024

Frontend Engineer

- Architected real-time skin analysis platform using OpenAI Vision API and Next.js 15, 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%
- 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 | January 2024 - August 2024

Frontend Developer & Support staff

- 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

Handy Pantry

January 2023 - October 2023

Deli Manager

- Managed deli operations, inventory, and cash audits; gained a 5-10% increase in monthly sales
- Coordinated team tasks for efficient operations

Petco

July 2021 - September 2022

Merchandise Operations Leader

- Provided operational support and customer service, gaining a 30% increase in customer rewards accounts
- managed vender relations and supervised overnight deliveries
- Oversaw online order assembly and animal care

Technical Skills

Programming Languages: TypeScript, JavaScript, HTML, CSS

Frameworks: React, TailwindCSS, Firebase, Supabase, NextJS, Redux, React Query, React Hook Form, Zustand, Jekyll

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

Education:

Full Stack Engineering Institute | [Certificate](#)

June 2023 - January 2024

Computer Science 3.9 GPA

Associate in arts | **Suffolk County Community College**

May 21, 2021