

Jacob Poole

Frontend Developer

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A versatile frontend developer with a growing foundation in fullstack development, passionate about building clean, user-friendly web applications. Comfortable working with technologies such as React, TypeScript, and Firebase to create responsive and scalable experiences. Outside of development, I'm a family-oriented person with two kids, and I enjoy adventure, the outdoors, and building creative projects. I'm also a musician with a strong interest in technology and crypto, and I'm always exploring new tools and ideas that blend creativity with innovation.

Professional Experience

Skinstric AI

Remote | September 2025 - May 2026

Frontend Engineer | <https://skinstric-xi.vercel.app/>

- 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

Projects

NFT Marketplace: <https://jacob-internship.vercel.app/> <https://github.com/JacobPoole84/jacob-internship>

NFT Platform Frontend Developer (React/Firebase)

- Built a responsive NFT display platform using React.js and Firebase, integrating authentication, Firestore database, and RESTful APIs to serve 1,000+ digital assets with fast, scalable performance; developed 15+ reusable components, implemented secure user authentication for 500+ users, and delivered mobile-first UI with 98% cross-device compatibility while collaborating in an Agile team using Git and JIRA.

Modern UI: <https://modern-ux-ui-sigma.vercel.app/> <https://github.com/JacobPoole84/modern-ux-ui>

Project Developer

- Showcasing a modern UX/UI that can be implemented with many projects.

Technical Skills

Programming Languages: TypeScript, JavaScript, HTML, CSS

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

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

Education:

FES Institute | [Certificate](#)

September 2025 - May 2026

Degree: Exercise Science, University of South Carolina

Other

Interests: Professional Musician, Crypto & Web3 enthusiast, Love all things outdoors

References: Available upon request