

# Cameron Watkins

## Frontend Developer

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A versatile software developer with over a year of experience, specializing in both frontend and fullstack development. Proficient in a broad range of technologies including React, TypeScript, Firebase and more. Passionate about building scalable, efficient and user-friendly applications.

## Professional Experience

### Skinstric AI

[Remote](#) | [September 2024 - March 2025](#)

#### ***Frontend Engineer***

- Architected real-time skin analysis platform using OpenAI Vision API and Next.js 14, 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](#) | [February 2024 - August 2024](#)

#### ***Frontend Developer & Support staff***

- 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

## Projects (personal)

### NFT Marketplace Internship: [Website](#) | [GitHub](#)

#### ***Created a fully functional NFT marketplace website***

- Transformed completely static HTML, CSS, Javascript, and React single page application into an Interactive user interface using animations, transitions, and carousels, to provide a seamless and intuitive user experience while navigating the app.

### Spotify Clone: [Website](#) | [GitHub](#)

#### ***Created a functional Spotify Clone***

- Developed a responsive music app with Tailwind CSS and React.Js, including pagination, audio playback, and song navigation. Users can browse songs, switch pages smoothly, and enjoy uninterrupted streaming with play, pause, and skip controls.

## 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, Jest, Stripe, React Testing Libraries

## Education:

### **Full Stack Engineering Institute**

[February 2024 - October 2024](#)

Computer Science 3.9 GPA

### **Bachelor of Arts and Sciences**

[June 2015 - May 2019](#)

Sociology, University of Illinois Urbana-Champaign

### **Master of Education**

[August 2019 - December 2020](#)

Learning, Diversity, and Urban Studies(LDUS), Vanderbilt University Peabody College of Education, 3.0 GPA

## Other

**Interests:** Music production (as an audio engineer), cars , video games, travel, and sports (Fly Eagles Fly!!)

**Referees:** Provided upon request