

# Wyatt Sommer

## Software Engineer

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Versatile software engineer with over a year of experience in frontend and full-stack engineering, specializing in creative, design-focused web development. Proficient in building scalable, efficient, and user-friendly applications with technologies such as React, Next.js, TypeScript, Firebase, Supabase, Tailwind CSS, JavaScript, HTML, and CSS. Well-versed in utilizing AI tools to maximize productivity. Based in South Africa currently, but originally from the U.S.

## Professional Experience

### Skinstric AI

Remote | September 2024 - April 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 skin-care 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 | January 2025 - May 2025

#### 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
- Led study groups on deployment strategies and CI/CD, resulting in 85% of students successfully implementing automated deployment pipelines for their portfolio projects

## Projects

### Movie-Surfer API Project:

*Created a fully functional search platform for movies* [movie-surfer](#)

- Engineered & integrated a search api for movies with a fully responsive design, loading states & dynamic routing to show end users movies on a mass level search and showcase movies on an individual route.

### 16:7 Studio Inc:

*Company portfolio frontend website* [16-7.studio](#)

- Used Cursor AI and ChatGPT to design and build a NextJS frontend web app for my entrepreneurial pursuit, a software development company called 16:7 Studio Inc. Finished the project in one day. Deployed to Vercel.

## Technical Skills

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

**Frameworks:** React, React Native, TailwindCSS, Nativewind, Firebase, Supabase, NextJS, Redux, React Query, React Hook Form, Zustand, NodeJS, Express, Rest API's, ShadCN/UI

**Tools & Other platforms:** Vercel, GitHub, Figma, Framer, VsCode, Cursor AI, Stripe, OpenAI API, React Testing Libraries, Clerk

**Soft Skills:** Leadership, Resourceful, Persistent, Consistent, Time-management, Friendly, Dedicated, Team-player

## Education:

### Frontend Simplified

September 2024 - April 2025

Frontend Web Development - Certificate

### Switch Dimension

April 2025

Build With AI

