DREW ALLRED

Frontend Developer

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Detail-oriented Frontend Developer with 2+ years of experience crafting responsive, accessible, and high-performing web applications. Proficient in HTML, CSS, JavaScript -- tools I've mastered through years of hands-on development across diverse, user-focused projects. Comfortable building complex UIs with React, integrating APIs, and optimizing performance for modern web platforms. Adept at translating design into code with pixel-perfect precision.

Professional Experience

Skinstric AI   **Remote | December 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 | January 2024 - February 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 (personal)

Prime Video Clone:

Created a fully functional search platform for movies

- Developed a scalable movie search platform using **React**, with full **API integration**, loading states, and **dynamic routing** for individual movie pages. Complete with responsive UI to ensure performance across devices.

Spotify Clone:

Recreated indistinguishable Spotify Desktop UI

- Developed Spotify's desktop UI from scratch with an emphasis on structure, layout precision, and design consistency. Built an intuitive UI with search page and modular components, following Spotify's real-world design.

Technical Skills

Programming Languages: JavaScript, TypeScript, HTML, CSS, PostgreSQL, Python
Frameworks: React, TailwindCSS, Firebase, Supabase, NextJS, Redux, React Query, React Hook Form, Zustand, Express.js, Prisma ORM, ASP.NET
Tools & Other platforms: Node.js, Netlify, Vercel, GitHub, Vite, Figma, VsCode, Jest, Stripe, React Testing Libraries

Education:

Full Stack Engineering Institute   **June 2023 - January 2024**
Computer Science 3.9 GPA
High School
High School Diploma 3.8 GPA

Other

Interests: PC Building, Video Editing, Reading
Referees: Provided upon request