Tayler Westercamp

Frontend Developer
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tayler_westercamp@outlook.com | Keosauqua, Iowa, United States | Tayler Westercamp

Versatile and motivated Frontend Developer with a passion for building responsive, scalable, and user-focused web applications. Proficient in modern technologies such as React, TypeScript, TailwindCSS, and Firebase. Known for writing clean, maintainable code and approaching challenges with a strong problem-solving mindset and a commitment to continuous learning and growth.

Professional Experience

Skinstric AI · Remote | May 2025 - June 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 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 | March 2025 - Current

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)

Search API Project: Movies | Tayler-Westercamp/MovieSearchProject

Created a fully functional search platform for movies

- Created a fully functional movie search platform with a responsive user interface and seamless user experience across devices. Engineered and integrated a search API to fetch real-time movie (or anime, etc.) data, supporting dynamic queries and user interaction. Developed a dynamic "Top Movies" list feature that updates in real-time based on user search frequency, enhancing engagement and relevance.

Zentry Gaming Clone: Zentry | Tayler-Westercamp/Zentry-Gaming-Clone

Created a clone of an award winning website

- Developed a styled front-end clone of the award-winning Zentry Gaming website, using the original as a reference for layout, design, and user experience. Leveraged GSAP (GreenSock Animation Platform) to implement smooth transitions, animations, and interactive effects for a polished and engaging UI. Recreated key visual and functional elements using modern HTML, CSS, and JavaScript techniques, demonstrating attention to detail and design replication.

Technical Skills

Programming Languages: TypeScript, JavaScript, HTML, CSS
Frameworks: React, TailwindCSS, Firebase, Supabase, NextJS, Redux, React Query, React Hook Form, Zustand
Tools & Other platforms: Netlify, Vercel, GitHub, Vite, Figma, VsCode, Jest, Stripe, React Testing Libraries

Education:

Full Stack Engineering Institute | Tai Tran's Certificate.pdf · March 2025-July 2025
Computer Science 3.9 GPA

Other

Interests: Cars, Fishing, Creating/Building, and Tech.
Referees: Provided upon request