Samuel Rangel

Frontend Developer

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Portfolio - https://samuelrportfolio.netlify.app/

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

Professional Experience

Skinstric AI   Remote | January 2025 - Current
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 | May 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)

Dungeon and Dragons API Project: https://samdndhelper.netlify.app/ | *https://github.com/Samwell30/dnd-helper*
Created a fully functional platform to assist Dungeon and Dragon players
- Engineered & integrated an api for dungeon and dragons with a fully responsive design, loading states & dynamic routing to showcase users what to expect in the role playing game.

Simple React/Firebase blog: *https://samreactblog.netlify.app/* | *https://github.com/Samwell30/simple_react_blog*
- A simple blog where a user can add an article to discuss anything on their mind. Firebase is set up as anonymous. Users will be given an automated ID to add articles or delete as they want.

Technical Skills

Programming Languages: React, JavaScript, HTML, CSS
Frameworks: React, TailwindCSS, Firebase, Redux, React Query, React Hook Form
Tools & Other platforms:, Vercel, GitHub, Vite, Figma, VsCode

Education:

Degrees: MA Psychology, Brandman University, 3.75 GPA.   December 2020
           Certification of Completion, Frontend Simplified   July 2025

Other

Interests: programming, video games, reading, cooking.
References: Provided upon request