RINA NEWHOUSE

Frontend Developer
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Frontend Developer with 1+ year experience in React, Next.js, TypeScript, TailwindCSS, and Firebase. Skilled in building responsive apps, API integration, performance optimization, CI/CD, accessibility, and SEO best practices.

Professional Experience

Skinstric AI   **Remote | August 2025 - September 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 | July 2024 - August 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)

Johns Hopkins University Hillel Rebuild: *Live Demo* | *GitHub Link*
Developed a fully responsive organizational platform from scratch
- Engineered & deployed a modern React/Next.js application on Vercel, integrating Google Calendar API, Constant Contact API, and dynamic EmailJS forms with real-time validation, responsive layouts, optimized routing, and seamless user engagement to replace a legacy Wix site from 2006.

Search API Project: *Live Demo* | *GitHub Link*
Created a fully functional search platform for movies
- Engineered & integrated a search API for movies with a fully responsive design, loading states & dynamic routing to showcase end users movies on a mass level search and showcase movies on an individual route.

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, Cursor, Jest, Stripe, React Testing Libraries

Education:

Full Stack Engineering Institute | *Certificate*   **July 2024 - August 2025**
Degrees: Bachelor of Science, University of Illinois Urbana-Champaign, 3.8 GPA

Other

Interests: UI design & illustration, strength training, Spanish/Portuguese/Hebrew language learning
References: Provided upon request