RINA NEWHOUSE

Frontend Developer

LinkedIn | GitHub | Portfolio | +1 (408) 201-3075 | rina.newhouse@gmail.com | Chicago, IL

Software Developer with 3+ years of 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, building pixel accurate Figma mockups from client screenshots, achieving 98% detection accuracy across diverse skin conditions
- Developed responsive UI with CSS 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 CSS 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

Johns Hopkins Hillel   **Baltimore, MD | July 2024 - Present**
Frontend Engineer (Contract)

- Architected and developed a full-scale React 19 single-page application to replace a legacy Wix platform, creating a modern, responsive hub for 700+ students and alumni
- Designed modular React component architecture with reusable layouts, custom CSS styling, and optimized rendering for consistency and maintainability
- Integrated Google Calendar, Constant Contact, and EmailJS APIs to automate event management, email marketing, and form submissions
- Implemented semantic HTML, accessibility best practices (WCAG 2.1), and responsive design to ensure performance and usability across all devices
- Deployed through Vercel with GitHub-based version control and automated build previews for streamlined iteration and continuous delivery
- Optimized asset loading, animations, and layout performance, achieving 40% faster perceived load times

Projects (personal)

Mapme Clone: *Live Demo* | *GitHub Link*

Developed a scalable React and Leaflet-based map tool to replicate Mapme's paid features and deliver a permanent, deployable mapping solution

- Loaded and visualized 200+ U.S. school markers with dynamic clustering, responsive rendering, and optimized performance
- Implemented CSV ingestion, filtering, and search capabilities to improve navigation across large data sets

NFT Marketplace: *Live Demo* | *GitHub Link*

Re-engineered a mock NFT e-commerce platform using Next.js and React for dynamic asset browsing and API-driven functionality

- Optimized and refactored legacy Bootstrap and Owl Carousel code to improve performance, readability, and scalability across components
- Integrated multiple APIs for real-time NFT data, debugging asynchronous fetch flows to enhance overall load efficiency and maintainability

Technical Skills

Programming Languages: TypeScript, JavaScript, HTML, CSS
Frameworks: React, TailwindCSS, Firebase, Supabase, Next.js, Node.js Redux, React Query, Angular, Flutter
Tools & Platforms: Netlify, Vercel, GitHub, Vite, Figma, VSCode, Cursor, Jest, Stripe, React Testing Library

Education:

Full Stack Engineering Institute | *Certificate*   **July 2024 - August 2025**
Degree: 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