MICHAEL INNELLA

Frontend Developer

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mikeinnella.dev

A passionate frontend developer with hands-on experience building modern, responsive web applications using React, Tailwind CSS, and Vite. Comfortable working across the full stack when needed, particularly with Firebase for authentication, real-time data, and backend logic. Known for clean code, strong UI/UX instincts, and a focus on performance, accessibility, and maintainability across projects ranging from portfolios to client dashboards.

Professional Experience

Skinstric AI   Remote | September 2024 - 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 | January 2024 - August 2024
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%.
- 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

Projects (personal)

NFT Marketplace: *Live Demo* | *Github Link*
Created a fully functional search platform for NFT's
- Engineered and integrated dynamic NFT search functionality with responsive design, loading states, and route-based navigation. Enables users to explore collections at scale and view individual NFTs on dedicated, data-driven pages for an immersive browsing experience.

Howard Motor Webapp *Live Demo* | *Github Link*
Developing a full-stack web app with React and Firebase to streamline business operations
- Features real-time data, custom admin tools, animated UI, and optimized performance for desktop and mobile. Showcases full-stack skills and client-focused problem solving.

Technical Skills

Programming Languages: JavaScript, TypeScript, 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:

Frontend Engineering Institute | *Certificate*   June 2023 - January 2024
Computer Science 3.2 GPA

Other

Interests: Audio engineering, fitness, nature.   **Referrals:** Provided upon request.