MICHAEL KING
Frontend Developer

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Versatile Software Developer with a Bachelor's degree in Computer Science and over one year of specialized experience in frontend development, leveraging technologies such as React, TypeScript, and Next.js, with familiarity in full-stack development including Firebase. Possesses a strong foundation in scalable and efficient user-friendly applications, enhanced by 15+ years of professional experience in management and service. Adept at problem-solving, optimizing workflows, leading teams, and collaborating cross-functionally to deliver exceptional digital experiences.

Professional Experience

Skinstric AI   **Remote | April 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 2024 - Present**
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)

Library Project: *Live Demo* | *Github Link*
Created a fully functional library ecommerce store
- Developed a fully functional e-commerce library store using React Router for dynamic navigation, implementing comprehensive product sorting and an automatically updating shopping cart, enhancing user experience and streamlining transactions.

Search API Project: *Live Demo* | *Github Link*
Created a fully functional search platform for movies
- Engineered and integrated a movie search API with a fully responsive design, including robust loading states and dynamic routing. This platform efficiently showcases movies for mass search queries and individual film details, significantly improving content accessibility and user interaction

Technical Skills

Programming Languages: HTML, CSS, TypeScript, JavaScript, Java, Python
Frameworks: React, TailwindCSS, Firebase, NextJS, React Query, React Hook Form, Node.js
Tools & Other platforms: Vercel, GitHub, Heroku, Vite, Figma, VsCode, React Testing Libraries, Axios, Owl Carousel, Animate on Scroll, MySQL
Cybersecurity: Network Security, Threat Management, Vulnerability Analysis

Education:

Southern New Hampshire University   **August 2019 - August 2024**
Computer Science
CompTIA
IT Fundamentals   **February 2025**
A+   **March 2025**
Other

Interests: I am passionate about preparing fresh pasta and exploring the world by bicycle.