

# MICHAEL KING

Frontend Developer

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A transitioning professional with a strong foundation in mechanical diagnostics and management, now a dedicated Frontend Developer. Brings a unique perspective to building responsive and high-performance web applications, with recent experience in architecting solutions with the latest technologies. Eager to apply a proven history of problem-solving to new challenges in software development.

## 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
- Designed modular component library with TailwindCSS for skincare product displays, enabling rapid A/B testing of recommendation layouts

### Frontend Simplified

[Remote](#) | [March 2024 - March 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.
- Built and shared reusable component library using ShadCN/UI, reducing development time for student projects by 40% and improving code consistency

### Village Cycle Center

[Chicago, IL](#) | [September 2022 - September 2025](#)

#### Assistant Service Manager

- Diagnosed complex bicycle malfunctions and recommended tailored service solutions to meet individual customer needs, demonstrating strong problem-solving and diagnostic skills.
- Managed service department workflow, including efficient scheduling of work orders and meticulous inventory control, showcasing project management and organizational abilities.

### Various Bicycle Shops

[2006 - 2022](#)

#### Service Manager and Technician

- Progressed through various roles, from technician to service manager and part-owner, demonstrating consistent growth in leadership and responsibility.
- Managed all aspects of service operations, including setting departmental goals, training staff, and overseeing inventory, for high-volume shops with annual sales up to \$20 million.

## 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, Node.js

**Tools & Other platforms:** Vercel, GitHub, Heroku, Vite, Figma, VsCode, React Testing Libraries, Axios, Lottie

## Education:

**Southern New Hampshire University**

[August 2019 - August 2024](#)

Computer Science

**CompTIA**

IT Fundamentals

A+

[February 2025](#)

[March 2025](#)

## Other

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