

AIDAN MCMURRAY

Frontend Developer

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Portfolio: <https://www.aidanmcmurray.dev/>

A front-end-focused developer with hands-on experience in modern web technologies like React, TypeScript, and TailwindCSS. Skilled in building responsive, user-friendly applications backed by platforms like Firebase and MongoDB. Comfortable working with frameworks such as Next.js and Express, and experienced in deploying full-stack projects using tools like Vercel, Render, and GitHub. Passionate about clean design, efficient code, and delivering seamless user experiences.

Professional Experience

Skinstric AI

Remote | September 2024 - April 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 skin care 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%.
- 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)

NFT (Ultraverse) Internship: [Live Demo](#) | [Github Link](#)

Transformed static features into fully functional and dynamic components

- Built dynamic UI with API integration, AOS animations, category filtering & dynamic routing

E - Commerce Store (clone): [Live Demo](#) | [Github Link](#)

Recreated an ECommerce admin dashboard application

- Created a dynamic and responsive admin dashboard for uploading and editing products using Chakra UI.
- Implemented, stored, and hosted backend server data with Express, Node.js, MongoDB, and Render.

Technical Skills

Programming Languages: TypeScript, JavaScript, HTML, CSS

Frameworks: React, TailwindCSS, ExpressJS, NextJS, Redux, Zustand

Tools & Other platforms: Firebase, MongoDB, Vercel, Render, GitHub, Vite, Figma, VsCode

Education:

University of Washington

September 2015 - June 2017

3.4 GPA

Degrees: International Baccalaureate, Chief Sealth International High School, 3.98 GPA

Other

Interests: Songwriting, Guitar, Hacking, Artificial Intelligence

Referees: Provided upon request