

# Aidan McMurray

Frontend Engineer | React - Next.js - TypeScript - Tailwind CSS

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## Summary

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Frontend Engineer with production experience building and shipping React and Next.js applications. Delivered measurable results at an AI-driven startup - 60% increase in user engagement on recommendation cards and 40% reduction in drop-off during processing states. Skilled in TypeScript, Tailwind CSS, Firebase, and Stripe integrations. Available immediately for full-time frontend roles across the US.

## Technical Skills

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**Languages:** TypeScript, JavaScript ES6+, HTML5, CSS3

**Frameworks and Libraries:** React, Next.js, Tailwind CSS, GSAP, Redux, Zustand, ShadCN/UI, Express.js, Node.js

**Tools and Platforms:** Firebase, Stripe, MongoDB, Vercel, Figma, Git, GitHub, REST APIs

**In Development:** Jest, React Testing Library, Claude Code MCP server integration

## Experience

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### Skinstric AI - Remote

Sep 2024 - Apr 2025

*Frontend Engineer, Contract*

- Architected a real-time skin analysis platform using the OpenAI Vision API and Next.js, achieving 98% detection accuracy across diverse skin conditions.
- Built a responsive skincare recommendation UI with Tailwind CSS and GSAP animations, driving a 60% increase in user engagement with recommendation cards as measured by session interaction rate.
- Engineered a GSAP timeline-based animation system to deliver real-time visual feedback during skin analysis processing, reducing user drop-off during wait states by 40%.
- Optimised performance using Next.js Server Components and Lottie animations, achieving sub-2-second analysis time for skin condition detection.

## Projects

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### Summarist | [Live Demo](#) | [GitHub](#)

*Audiobook SaaS platform with subscription access - Next.js, TypeScript, Firebase, Stripe, Zustand*

- Managed authentication and subscription state using Firebase Auth and Zustand, ensuring session persistence across page refreshes with centralised state management.
- Reduced API calls by 80% with debounced search and loaded audio durations dynamically via Promise.all for seamless playback UX.
- Integrated Stripe subscriptions via Firebase Extension with secure checkout flows and premium content gating based on subscription status.
- Engineered a reusable audio player with a fully custom progress bar, resolving cross-browser CSS inconsistencies across Chrome, Firefox, and Safari using pseudo-element overrides.

### NFT Ultraverse | [Live Demo](#) | [GitHub](#)

*Dynamic NFT marketplace interface - React, REST APIs, Tailwind CSS*

- Built a dynamic NFT marketplace from a Figma mockup, integrating a third-party REST API with category filtering, dynamic routing, and AOS scroll animations.
- Implemented interactive carousels, countdown timers for NFT availability windows, and skeleton loading states across all data-driven components.

## Education

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### University of Washington - Seattle, WA

Sep 2015 - Jun 2017

*Coursework in Mathematics, Creativity, and Buddhist Literature | GPA 3.3/4.0*

### Frontend Simplified

Jan 2024 - Aug 2024

*Certificate of Graduation - Frontend Developer*