

KAT DEANS

[Frontend Developer](#)

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[PORTFOLIO](#)

A versatile software developer specializing in frontend development. Proficient in a broad range of technologies including React, TypeScript, Firebase and more. Passionate about building scalable, efficient and user-friendly applications.

[Professional Experience](#)

[Skinstric AI](#)

[Remote](#) | [Aug 2024 - Mar 2025](#)

[Frontend Engineer](#)

- Architected real-time skin analysis platform using OpenAI Vision API and Next.js 14, 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](#) | [Jan 2024 - Jul 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 Marketplace](#) | [Website](#) | [Github](#)

- Developed a dynamic NFT marketplace using React, enabling users to explore and interact with NFTs and author collections.
- Implemented Axios for real-time data fetching, along with key features like countdown timers, carousel sliders, and skeleton loading states to enhance engagement.
- Utilized the AOS (Animate On Scroll) library to create smooth animations for a visually appealing experience.

[E-commerce App](#) | [Website](#) | [Github](#)

- Designed and developed a responsive e-commerce platform with React, enabling users to browse, sort books by price and rating, and add items to their cart effortlessly.
- Integrated user-friendly features like sorting functionality and skeleton loading states to enhance the experience.
- Applied best practices in HTML, CSS, and JavaScript to build a sleek, intuitive interface, ensuring smooth navigation and seamless product exploration.

[Technical Skills](#)

Programming Languages: TypeScript, JavaScript, 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 Developer Bootcamp, Frontend Simplified | [Certificate](#)

Bachelor in Economy, Marketing and Management, Warsaw School of Economics

[Other](#)

Interests: relationship coaching, biking, music - dj

Referees: Provided upon request