

Graylen Bigelow

Frontend Developer

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Frontend developer skilled in React, Next.js, TypeScript, and modern UI frameworks, with experience building scalable, AI-powered, and user-centric applications.

Professional Experience

Skinstric AI - Frontend Engineer

[Remote](#) | June 2025 - July 2025

- Architected a 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 a custom animation system using GSAP timeline for seamless user experience during skin analysis processing, increasing user retention by 40%
- Designed a modular component library with TailwindCSS for skincare product displays, enabling rapid A/B testing of recommendation layouts
- Implemented an efficient image processing pipeline combining OpenAI Vision API with a 4D Mini model for enhanced accuracy in skin tone and texture analysis

Frontend Simplified - Frontend Developer & Support staff

[Remote](#) | May 2025 - Present

- Selected as a peer mentor after achieving top 5% performance in the 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 a reusable component library using ShadCN/UI, reducing development time for student projects by 40% and improving code consistency
- Helped 90% of students achieve WCAG compliance, and 85% adopt CI/CD pipelines.

McDonald's - Department Manager

[On-site](#) | August 2022 - Present

- Promoted to management in **18 months** for strong leadership and problem-solving.
- Supervised 10+ team members per shift, improving order accuracy and reducing wait times by **15%**.
- Implemented process improvements, cutting resource waste by **10%** while maintaining safety and quality.
- Developed teamwork and ownership skills that are directly transferable to agile software development.

Projects (personal)

YouTube Clone: [Live Demo](#) | [Github Link](#)

New Tube — Full-stack AI-Powered Video Streaming Platform

- Built a YouTube-style platform with **NextJS 15 + React 19, TypeScript, Tailwind, ShadCN, Radix UI**.
- Integrated **OpenAI API** for AI-generated titles, descriptions & thumbnails, reducing manual work by **~70%**.
- Implemented secure uploads/playback via **Mux** + role-based auth with **ClerkJS**
- Implemented CI/CD with **Vercel + GitHub Actions**, including feature flag rollouts for safe deployments.
- Achieved **WCAG 2.1 AA compliance** and **100% Lighthouse accessibility**

Django-Vite-TODO-list: [Live Demo](#) | [Github Link](#)

Full-Stack Task Management App with Secure JWT Authentication and CRUD Operations

- Built a full-stack TODO list with **Django REST API** and **React + Vite** supporting **JWT authentication**.
- Implemented **user-specific CRUD operations** and protected SPA routes with token refresh flow.
- Deployed **monorepo frontend/backend** on **Render + Vercel** with refresh-safe routing.
- Demonstrated modern full-stack skills: **API integration, authentication, and deployment**.

Technical Skills

Languages: TypeScript, JavaScript, HTML5, CSS3, Python

Frontend: React, Next.js, Vite, Tailwind CSS, ShadCN/UI, Radix UI, GSAP, Lottie

Backend & APIs: Django, RESTful API, TRPC, Drizzle ORM, PostgreSQL, OpenAI API, Mux

Tools & Deployment: Git, GitHub, Vercel, Bun, NPM, VSCode, CI/CD pipelines

Authentication: JWT, Clerk.js, Convex

Education:

HomeSchool | [Certificate](#)

[August 2015 - June 2022](#)

- Independent curriculum emphasizing technology, problem-solving, and self-directed learning.

[Other](#)

Interests: UI/UX design, performance optimization, European cars, music (guitar).

Referees: Provided upon request