Graylen Bigelow

Frontend Developer

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Passionate frontend developer focused on building efficient, scalable, and user-centric applications using modern technologies such as React, Next.js, TypeScript, and JavaScript.

Professional Experience

McDonald's: (R&J Investments of Eden, LLC)   **On-site | August 2022 - Present**

Shift Manager:

- Fast-tracked to management within 18 months by demonstrating leadership, operational problem-solving, and team-building skills.
- Coordinated shift operations focusing on process improvement, resource management, and maintaining high-quality and safety standards.
- Gained critical experience in project ownership, leadership, and real-time problem-solving — foundational skills directly transferable to frontend engineering workflows and team collaboration.

Skinstric AI   **Remote | June 2025 - July 2025**

Frontend Engineer

- 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   **Remote | May 2025 - Present**

Frontend Developer & Support staff

- Selected as 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.
- 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 a 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)

YouTube Clone: *https://new-tube-project.vercel.app | https://github.com/Graylen1019/NewTube-project*

- Engineered a full-stack, YouTube-style video platform using **Next.js 15**, **React 19**, **TypeScript**, and **Tailwind CSS** for a responsive, modern user experience
- Integrated **OpenAI API** to automatically generate video titles, descriptions, and thumbnails with AI-driven content
- Implemented secure video uploads and playback with **Mux**, supporting seamless media handling
- Built role-based authentication and protected routes using **Clerk**
- Developed type-safe, end-to-end API communication with **TRPC** and serverless database operations via **Drizzle ORM** and **Neon/PostgreSQL**
- Deployed on **Vercel** with CI/CD pipelines; utilizing **Bun** to help with React 19 dependency issues.

Google Docs Clone: *https://google-docs-rouge.vercel.app | https://github.com/Graylen1019/Google-docs*

- Developed an **AI-enhanced** document editing platform with real-time collaboration using **Liveblocks and Tiptap**.
- Integrated **OpenAI API** to enhance user productivity through **AI-generated** document content.
- Built role-based authentication and protected routes with **Clerk.js**.
- Implemented type-safe API communication and serverless database operations using **TRPC and Drizzle ORM**.

- Enhanced scalability and performance with **Convex** and **Vercel deployment**.
- Designed a responsive, accessible UI using **Tailwind CSS** and **Radix UI** for consistent device user experiences.

Technical Skills

Languages: TypeScript, JavaScript, HTML5, CSS
Packages & Tools: NPM, Bun, OpenAI API, Vercel, GitHub, VSCode
Frameworks & Libraries: React, Next.js, Tailwind CSS, TRPC, Drizzle ORM, Radix UI, Clerk, Mux, Convex

Education:

HomeSchool | *Certificate*   **August 2015 - June 2022**

Other

Interests: European Cars, and music (mainly guitar).
Referees: Provided upon request