

# Graylen Bigelow

[Graylenbigelow@gmail.com](mailto:Graylenbigelow@gmail.com) | <https://portfolio-ten-pink-56.vercel.app> | [github.com/Graylen1019](https://github.com/Graylen1019) | 8284478089

## Skills

**Languages:** TypeScript, JavaScript (ES6+), SQL, HTML5, CSS3, JSON

**API & Backend Tools:** RESTful APIs, Authentication, OpenAI API, Firebase(Auth, Firestore, Admin SDK)

**Tools & Platforms:** Vercel, Git (version control), Continuous Integration / Continuous Deployment,

Payments(Stripe), Tailwind/BootstrapCSS

**Methodologies & Soft Skills:** Problem-Solving, Leadership, Mentoring, Teamwork, Technical Documentation

## Experience

### Frontend Engineer (Contract), Skinstric AI – Remote

June 2025 – July 2025

- Architected a real-time skin analysis platform using **OpenAI's Vision API**, utilizing **Next.js**, achieving **~98%** detection accuracy across diverse skin conditions.
- Developed a 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 Developer & Mentor, Frontend Simplified– Remote

Mar 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 UI component libraries, 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**.

### Shift Manager, McDonald's– Icard, NC

Aug 2022 – Present

- Promoted to manager after 18 months for consistent leadership and problem-solving skills.
- Supervised 10+ team members per shift, improving order accuracy and reducing wait times by **15%**.
- Strengthened teamwork, communication, and ownership skills transferable to agile software environments.

## Self-Taught Projects

### NewTube - AI-Powered Video Streaming Platform

<https://new-tube-project.vercel.app>

- Architected and built a YouTube-style platform using **Next.js 15**, **TypeScript**, and other modern technologies
- Integrated **OpenAI API** for AI-generated titles, descriptions & thumbnails, reducing manual work by **~70%**.
- Secured video streaming with **Mux + ClerkJS auth**; **CI/CD** on **Vercel + GitHub Actions**
- Achieved **WCAG 2.1 AA compliance** and **100% Lighthouse accessibility**

### Summarist – SaaS Mock-up

[virtual-internship-2f7n.vercel.app](https://virtual-internship-2f7n.vercel.app)

- SaaS-style app with **Next.js 15**, **React 19**, **Tailwind**, and UI component libraries.
- Integrated **Firebase auth + Stripe** subscriptions via Firestore Stripe Payments.
- Designed an accessible, responsive UI; optimized DX with **TypeScript**, **ESLint**, and **clsx**.

## Education

### High School Diploma

Aug 2022

**Self-Taught Software Developer**