

# Graylen Bigelow

Frontend Engineer | Morganton, NC (Remote-friendly)

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Frontend Engineer with hands-on experience building responsive, user-focused web applications using React, Next.js, and TypeScript. Skilled in translating wireframes into interactive features, optimizing performance, ensuring accessibility (WCAG), and creating scalable component architectures. Experienced in agile, remote environments, owning features from design to deployment and collaborating with designers and back-end engineers.

## Professional Experience

### Skinstic AI - Frontend Engineer

Remote | June 2025 - July 2025

- Engineered a **real-time skin analysis platform** with OpenAI Vision API and Next.js, achieving **98% detection accuracy**.
- Developed **responsive UI and dynamic recommendation cards** with TailwindCSS & GSAP, increasing **user engagement by 60%**.
- Optimized performance using Next.js Server Components and Lottie animations, reducing **analysis time to <2 seconds**.
- Built a **modular, reusable component library**, accelerating **A/B testing and front-end iteration**.

### Frontend Simplified - Frontend Developer & Support staff

Remote | May 2025 - Present

- Mentored **20+ students**, helping **70% implement type-safe applications** in React/Next.js.
- Led workshops on **frontend optimization, component architecture, and responsive design**, cutting portfolio load times by **50%**.
- Developed reusable ShadCN/UI **component libraries**, reducing development time by **40%**.
- Guided students to achieve **90% WCAG compliance** and **85% adoption of CI/CD pipelines**.

### McDonald's: (R&J Investments of Eden, LLC) - Department Manager

On-site | August 2022 - Present

- Promoted to management in **18 months** for leadership and problem-solving excellence.
- Implemented process improvements, **reducing resource waste by 10%** while maintaining safety and quality standards.
- Managed inventory operations, keeping **food cost within ±3% of target**.
- Developed team skills in ownership, communication, and execution, transferable to **agile software teams**.

## Projects (personal)

### New Tube – AI-Powered Video Streaming Platform: [\[Live Demo\]](#) | [\[Github Link\]](#)

- Built **YouTube-style platform** with Next.js & React; integrated OpenAI for **automated titles/thumbnails**, reducing manual work by **70%**.
- Implemented secure uploads/playback via Mux with **role-based auth via Clerk.js**.
- Deployed via Vercel + GitHub Actions CI/CD with feature flags.
- Achieved **WCAG 2.1 AA compliance** and **100% Lighthouse accessibility**.

### Solid Docs – AI-Enhanced Collaborative Document Platform: [\[Live Demo\]](#) | [\[Github Link\]](#)

- Developed a **real-time collaborative editor** with Next.js, React, Liveblocks, and Tiptap.
- Integrated AI content suggestions via OpenAI, increasing **editing efficiency by 30%**.
- Implemented **role-based authentication** and type-safe APIs with tRPC + Drizzle ORM.
- Enhanced scalability and responsiveness using Convex, deployed via Vercel CI/CD.

## Technical Skills

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3

Frameworks/Libraries: React, Next.js, Tailwind CSS, ShadCN/UI, GSAP

Concepts: Responsive Design, Component Architecture, State Management, Accessibility (WCAG), Performance Optimization

APIs & Integration: REST, OpenAI, tRPC, Clerk, Mux

Tools & Platforms: Git, GitHub, Vercel, CI/CD, GitHub Actions, NPM, Bun

Methodologies: Agile, Scrum, Code Reviews, Technical Documentation

## Education:

Self-Directed Frontend Development |

- Completed hands-on projects in React, Next.js, TypeScript, TailwindCSS, and modern web technologies.