

Cristian Chiorescu

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SUMMARY

Full-stack developer skilled in **React, Next.js, TypeScript, Node.js, and modern web technologies**. Experienced in building scalable, data-driven applications with strong attention to performance, maintainability, and user experience. Passionate about using **AI tools** and structured experimentation to make development faster and smarter. Adept at collaborating across teams, translating ideas into clean architecture, and delivering meaningful products that improve workflows and efficiency.

TECHNICAL SKILLS

Frontend | React, Next.js, TypeScript, JavaScript (ES6+), Tailwind CSS, HTML5, CSS3, Framer Motion, Shadcn/UI
Backend & APIs | Node.js, RESTful APIs, Serverless Functions, TanStack Query, PostgreSQL, Zod
Infrastructure & Tooling | Vercel, Netlify, Vite, Git/GitHub, CI/CD, Lighthouse/PSI, Core Web Vitals, AWS (Familiar)
AI & Workflow | AI Integration (OpenAI, Vercel AI), Prompt Engineering, Canva, Figma (UI/UX), Agile/Scrum

PROJECT EXPERIENCE

AI-Powered Environmental Intelligence Platform (EnviroLens)

[Live Demo](#) | [GitHub Repo](#)

Technologies: React, Next.js, TypeScript, OpenAI API, Recharts, Tailwind CSS, AQICN API, Vercel, Shadcn/UI

- **Built a full-stack platform** combining real-time Calgary air quality data, **AI compliance guidance**, and contextual project knowledge for environmental consulting workflows.
- **Integrated OpenAI GPT-5-nano** with custom prompt engineering, multi-source context injection, and conversation memory.
- **Constructed a secure, typed serverless API layer** (Next.js API Routes) with robust credential isolation, retry logic, and graceful error fallbacks.
- **Implemented contextual filtering logic** to highlight past projects relevant to current AQI ranges.

Recipe Discovery Application (BlushBowl)

[Live Demo](#) | [GitHub Repo](#)

Technologies: Next.js, React, TypeScript, Framer Motion, TanStack Query, Zod, Tailwind CSS, Shadcn/UI, Vercel

- **Architected a full-stack**, responsive recipe discovery platform using **Next.js, React, and TypeScript**, and deployed a production-ready application to **Vercel**.
- Engineered a resilient data layer featuring **Zod** schema validation and API fallback handling; utilized **TanStack Query** for efficient server-state management and caching.
- **Designed and implemented an intuitive UI** with persistent URL states for shareable links, enhancing the user experience with smooth page transitions using **Framer Motion**.

Stock Data Dashboard (Full-Stack Application)

[Live Demo](#) | [GitHub Repo](#)

Technologies: React, TypeScript, Node.js, Tailwind CSS, Chart.js, Vite, Netlify Serverless Functions

- Developed a data-driven web dashboard using **Node.js and REST APIs** with robust error handling.
- Designed **reusable React components** and **custom hooks** for clean, maintainable front-end architecture.
- Deployed via **serverless functions** to ensure scalability and low-latency data updates.

PROFESSIONAL EXPERIENCE

Founder & Web Developer – Ecliptique Beauty | 2025

ecliptiquebeauty.com

- **Launched a direct-to-consumer e-commerce brand**, overseeing product research, marketing, and sales.
- Designed and built a customer-facing **Shopify** website with a focus on **clean UI and seamless user flow**.
- Managed the **full project lifecycle**, from market research to deployment and customer satisfaction.
- Built a repeatable workflow for analyzing Next.js and Shopify pages using **Lighthouse** and **Core Web Vitals**.

EDUCATION

University of Calgary – Computer Science Coursework | 2019 – 2022

Data Structures, Algorithms, Object-Oriented Programming, Software Design, Distributed Systems, Team-Based Projects.