

Chetanbir Singh

AB,CA

[Portfolio](#) [Github](#) [Linkedin](#)

SUMMARY

Frontend Developer skilled in React, Next.js, and TypeScript, focused on clean UI, accessibility, and performance. Built FitCheck, PokeXplorer, and 2 freelance websites for small clients with full design-to-deploy ownership.

EXPERIENCE

Freelance Frontend Developer — Remote

High School Freelance Projects

Oct 2022 - Nov 2022

- Built and deployed 2 responsive websites for small businesses
- Designed clean UIs using HTML, CSS, and JavaScript with a mobile-first approach
- Took ownership of the full dev process: scoped requirements, built the UI, deployed the site, and iterated through client feedback.

PROJECTS

[Fitcheck](#) [Live demo](#) [Github Repo](#)

- Developed an AI-powered code review app using **Next.js**, **TypeScript**, **Tailwind CSS**, and the **Vercel AI SDK**
- Built 3 custom API routes to: parse GitHub repo file structures by tech stack, fetch and cache raw source code, and stream Markdown feedback from GPT-4o using persona-based prompts
- Used **SWR** for dynamic data fetching and caching of repo content
- Allowed users to receive feedback from personas like Mentor, Recruiter, and UI/UX Designer
- Implemented IP-based **rate limiting** to prevent abuse of AI endpoints
- Tested custom React hooks with **Jest** to ensure reliability and maintainability
- Designed a responsive, accessible UI with **ShadCN UI**, focused on performance and clean UX

[PokeXplorer](#) [Live demo](#) [Github Repo](#)

- Created an interactive Pokémon search app using vanilla **JavaScript**, **HTML**, and **CSS**, powered by the PokéAPI
- Designed a card-based interface with type-colored backgrounds, animated stat displays, and evolution chain rendering
- Integrated audio feedback on sprite interaction and custom error messages for invalid searches
- Delivered a **responsive, mobile-first UI** focused on clean user experience without using any frameworks

[Portfolio](#) [Live demo](#)

- Designed and developed a RPG-themed portfolio website using Next.js, TypeScript, Tailwind CSS, and Framer Motion
- Ensure that all designs are responsive and optimized for different devices and screen sizes.

SKILLS

- **Languages:** Typescript, Javascript, Html, Css
- **Framework:** Next.js, React.js
- **Tools:** Git, Figma

EDUCATION AND CERTIFICATIONS

- **University of Alberta** — Full Stack Web Development Diploma
2024 - Present
- **Harvard CS50:** Introduction to Computer Science
2025 (in progress)
- **FreecodeCamp** — Responsive Web Design
July 2024
- **FreecodeCamp** — JavaScript Algorithms and Data Structures
Sept 2024