

Meharjeet Singh

Contact Info

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Online Links

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Technical Skills

- **Languages** Java, Python, C, C++, SQL, JavaScript, HTML, CSS, bash
- **Frameworks/Lib** React, Node.js, Next.js, Tailwind, Prisma, Framer, GSAP, SDL3, Cmake, Clerk, Auth.js
- **Technologies** Google Cloud, Amazon Web Services, Continuous Integration, Testing (QA)
- **General** Linux command line, UNIX, Front End, Distributed Systems, Infrastructure

Transferable Skills

- Ability to articulate ideas clearly, effectively, and listen actively to be an effective communicator.
- Enjoy sharing ideas, working towards a common goal, learning new skills, and the ability to work under pressure.
- Proficient in delivering engaging presentations while fostering effective communication and collaboration within teams.

Experience

Full-Stack Developer - Maker Brothers World Wide, Vancouver, Canada Apr 2024 - Present

- Developed multiple high-performance websites with focus on animations using GSAP & Framer motion.
- Embedded Sanity Studio for content management into Next.js, which improved client experience.
- Tested & optimized the apps for SEO, accessibility, performance using Lighthouse & Vercel Analytics.

Full-Stack Developer - Kitchen Mall Corporation, Makati, Philippines Dec 2023 - Mar 2024

- Created an End-to-End inventory tracking system across 3 warehouses, with multiple vendors and customers.
- Integrated barcode generation and scanning to reduce tracking time by 90%.

Technical Projects

Learn Sphere - Discussion Board | React, Tailwind, JWT, Supabase, Google Cloud Platform Mar 2024

- Architected the app using 3 microservices behind an API gateway for a scalable design.
- Developed custom JWT authorization logic & embedded in the API gateway using Open API spec.

AI Therapist - Happimind | Next.js, Tailwind, Clerk, Supabase, Open AI | SFU Surge Hackathon Feb 2024

- Received the 1st prize for best idea and presentation.
- Made a multilingual AI chatbot with mental health expertise by streaming responses from Open AI in 1 day.

Multimedia Viewer | C++, SDL3, SDL3 Image, CMake Oct 2023

- Programmed an audio and image viewer for desktop which supports the 3 major operating systems.
- Implemented image algorithms like auto color correction, dithering, and more by using SDL3 image.

Adoptify | React, Express, AWS S3 Jul - Aug 2022

- Built and deployed a full-stack web application on Heroku that enabled its users to adopt or give away their pets.
- Used optimization techniques to implement infinite scroll and make the database requests 2 times faster.

Volunteer Experience

Math and Science Tutor | India Apr - Oct 2021

- Taught 6 underprivileged students to clear the Entrance Exam for Indian Army, by taking classes and explaining complex ideas simply.
- Prepared lessons, assessments and revisions by managing time efficiently.

Education

Simon Fraser University | Burnaby, BC Jan 2020 - Present

- Bachelor of Science, Major in Computer Science
- **Courses:** Algorithms, Database, Networking, Cloud Computing, Distributed Systems, Testing, Requirements