

Gurkirat Singh

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Objective

Computer Programming student seeking a Winter 2025 Co-op work experience in the field of QA, Frontend/Backend Development, Database Administration, Product Management, and Systems Analysis.

Profile

Proficient in front-end and back-end web development in Node.js and Next.js, and a focus on TypeScript and testing with Jest. Skilled in managing databases using SQL Server, MongoDB Atlas, and Oracle. Experienced in test planning, bug identification, and automation with Jira and Selenium.

Education

Computer Programming & Analysis (Co-op Stream)

Sept 2023 - Dec 2026

Humber College - Toronto, ON

- **Relevant coursework:** Database Programming, Data Analysis (Python), Data Structure & Algorithms (Java), Web Development (React), Artificial Intelligence, Operating Systems (Linux)
- **GPA 4.0 / 4.0**
- **Dean's Honour List Recipient** (Fall 2023 & Winter 2024)

Technical Skills

Languages: TypeScript, JavaScript, Java, Python, Bash

Back-end: Node.js, PL/SQL, MongoDB, PostgreSQL, Prisma ORM, Rest API

Front-end: React, Next.js, Redux, Recoil, Tailwind CSS, Bootstrap, Material UI

CMS: Sanity.io, WordPress, Shopify

Tools: Git, Docker, Selenium, Jest, Webflow, Figma, Linux, MS Office Excel

Work Experience

Web Development Intern, 100xDevs - Remote

May 2023 – Sept 2023

- Assisted with building and optimizing the courses page using the Next.js stack, enhancing user experience and performance.
- Performed video optimization with FFmpeg and Cloudflare to improve loading times and streaming quality for course videos.
- Utilized GitHub Actions for CI/CD pipelines, automating build and deployment processes
- Collaborated with the team using Git for version control and JIRA for tracking issues and project progress.

Web Design Intern, Bizzworm - Delhi, India

May 2022 – June 2023

- Lead the design and development of BizzWorm's website using React and Figma.
- Crafted wireframes and prototypes in Figma to implement responsive user interfaces for optimal cross-device experiences.

Hackathon Experience

HawkHacks 2024: [Workify](#) – Next.js, Express, AWS S3 SDK, Zod, Prisma ORM, PostgreSQL, TailwindCSS

GDSC Hacks 2024: [We Broke The Ice](#) - Next.js, TypeScript, NextAuth, TailwindCSS, Prisma ORM, PostgreSQL

Projects

[MovieList](#): Academic project in React to showcase Movies/TV Shows using TMDb API, Axios, and Tailwind CSS.

[6ix City Immigration](#): Created a multi-page client website with Next.js, React, Tailwind CSS, and Sass.

[World Clock](#): Built a React-based clone of the iPhone World Clock using day.js and Tailwind CSS.

Other Experience

Residence Admissions Assistant, Humber College, Toronto, ON

April 2024 – Present

- Utilize StarRez's StarQL database to optimize reporting processes and improve efficiency.
- Managed electronic records and spreadsheets related to admissions in OneDrive, ensuring accurate data tracking.
- Provided support for inquiries related to residence and application processes, demonstrating strong communication skills.