Personal

Name
Gurjashan Singh

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Gurjashan Singh

A current university student with experience working in multi-disciplinary teams and an interest in software development.

Work experience

Web Developer   May 2023 - Aug 2023
Kraya Pvt Ltd.

- Developed and maintained a responsive website using vanilla CSS, JavaScript, and HTML.
- Collaborated with the design team to implement user interface mockups and ensure pixel-perfect implementation of Figma designs.

Relevant Course Work

(Course: ECE297 Software Communication)

- Developed a Google Maps clone as part of a team project, employing multithreading concepts for improved performance.
- Implemented the A* pathfinding algorithm to enable efficient route planning and navigation within the application.
- Utilized the OpenStreetMap API to accurately render cities and geographical features on the ezgl graphics library.

Project Manager in a Multi-Disciplinary Team (Course: ESPII)

- Managed and worked along with a team of 6 engineering and architecture students to develop a protective structure that enabled indigenous sweat-lodge ceremonies to take place throughout the year
- Conducted regular professional meetings with the client to ensure needs were met
- Streamlined work efficiency by utilizing engineering design principles such as stakeholder identification, gap analysis, scoping, and Gantt charts for team deadlines

Skills

- Machine Learning
- Git and GitHub
- Data Structures and Algorithms
- Web Development
- Digital Logic Circuit Design

Programming Languages

Python, C, C++, HTML, CSS, JavaScript, React

Education and Qualifications

Bachelors of Applied Science in Computer Engineering   Sep 2021 - May 2026
University of Toronto, Toronto

- Dean's List Honoree, 2 semesters