

# Robin Panesar

## Civil Engineering Technology Student | LEED® GA

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### PROFESSIONAL SUMMARY

Civil Engineering Technology student with hands-on experience supporting municipal infrastructure projects, field inspections, surveying, and technical documentation. OACETT Associate Member on track toward C.E.T. designation, with experience in field coordination, data collection, drawing review, and supporting engineering and construction teams in fast-paced civil infrastructure environments.

### WORK EXPERIENCE

**Humber Polytechnic, Peer Tutor** 01/2026 – Present | Toronto, ON

- Guided students through AutoCAD drafting standards, layer management, and drawing organization to improve clarity and submission quality.
- Communicated complex technical concepts clearly and effectively, adapting explanations to different learning styles and skill levels.

**B Square Transport Inc., Dispatch & Operations Coordinator** 09/2025 – 12/2025 | Mississauga, ON

- Coordinated daily dispatch operations for a trucking and logistics fleet, managing schedules, routes, and driver assignments to support on-time deliveries.
- Prepared and processed invoices, payroll records, and supporting documentation, ensuring accuracy and timely submission.

**City of Brampton, Assistant Capital Works Technician** 04/2025 – 08/2025 | Brampton, ON

- Conducted on-site inspections of sidewalks, bus pads, and transit-related infrastructure to identify deficiencies and verify existing site conditions.
- Recorded and validated asset condition data using GIS-based systems and internal tools to support repair prioritization.
- Prepared and organized inspection records, photographs, and field documentation to support reporting, tracking, and follow-up actions.
- Coordinated with municipal staff, inspectors, and field crews to communicate site findings and ensure alignment between field and office activities.

**Excel Constructions and Renovations, Customer Service Representative** 01/2021 – 02/2022 | Brampton, ON

- Served as a primary point of contact for clients, responding to inquiries and coordinating information related to ongoing renovation projects.
- Assisted with project documentation, tracking client requests, updates, and changes to support effective project coordination.
- Communicated with site personnel and office staff to relay client needs, schedule information, and project-related details.
- Maintained organized records of correspondence and documentation to support workflow efficiency and customer satisfaction.

### EDUCATION

**Advanced Diploma, Civil Engineering Technology, Humber Polytechnic** 09/2023 – 04/2026 | Toronto, ON

- GPA: 91.7% | Dean's Honour Roll (all semesters to date)

**Ontario Secondary School Diploma, St. Edmund Campion Secondary School** 06/2017 | Brampton, ON

### SKILLS

**Surveying & Field Equipment:** Leica and Sokkia Total Stations, Sokkia SDR33 data collector, Garmin GPS (handheld)

**CAD & Design Software:** AutoCAD, Civil 3D (surface modeling, profiles, alignments)

**GIS & Spatial Tools:** QGIS, GIS-based asset management systems

**Municipal Software:** OpenFlows Sewer; SewerGEMS, SewerCAD

**Documentation:** Microsoft Office Suite, technical reporting

### ACADEMIC PROJECTS

**Surveying and Mapping Projects, Surveying | Field Data Collection | AutoCAD | Civil 3D**

- Conducted topographic and construction layout surveys using Leica and Sokkia total stations and Garmin GPS units; processed field data and produced survey drawings, base plans, and alignments using AutoCAD and Civil 3D.

**Geotechnical and Materials Testing Labs, Soil Mechanics | Concrete Testing | Reporting**

- Performed geotechnical and materials testing labs including compaction, consolidation, shear strength, and concrete testing; analyzed results and prepared technical lab reports supporting foundation and pavement design concepts.

**GIS and Spatial Data Analysis Projects, QGIS | Mapping | Asset Data**

- Created and edited GIS maps to visualize infrastructure assets, survey data, and site information; used spatial data to support analysis, documentation, and presentations for municipal infrastructure conditions.

**Highway and Transportation Design Projects, Vertical Alignment | Superelevation | Transportation Engineering**

- Assisted with highway and transportation design tasks including roadway vertical alignments, profiles, and curve design in accordance with transportation design criteria; supported superelevation calculations and roadway geometry analysis for multi-segment corridors.

### CERTIFICATIONS & LICENSES

**Emergency First Aid CPR/AED Level C (Blended)**

- Canadian Red Cross | Issued: April 2024

**OACETT Student / Associate Member**

- Issued: September 2025

**Security Guard License (Ontario)**

- ServiceOntario | Issued: June 2024

**LEED® Green Associate™**

- USGBC | Issued: February 2026

**Ontario Class G Driver's License**

- Valid until September 2027