

Hiras Ahamed Anasadeen

Scarborough, Ontario

+1 (416) 996-7887 | hirasahamed212@gmail.com | [LinkedIn](#) | [Online Portfolio](#)

SUMMARY

Civil Engineering Technology student at Seneca Polytechnic with hands-on experience across AutoCAD drafting, structural analysis, surveying and materials testing. Detail-oriented, reliable, and comfortable working both independently and as part of a team. Looking to bring a strong technical foundation and genuine curiosity to a civil engineering technology role.

RELEVANT PROJECTS

AutoCAD Structural Steel Drafting

Seneca Polytechnic

- Produced structural steel drafting sheets (S2, S3), including cold-formed steel connection details
- Developed general notes and legends referencing applicable Canadian structural design standards

Reference Plan & Subdivision Plan Drafting

Seneca Polytechnic

- Produced a Reference Plan (Lot 21, Scale 1:250) and a Subdivision Plan (Anasadeen Road) including storm and sanitary sewer layouts in AutoCAD

Surveying Course Project

Seneca Polytechnic

- Conducted a traverse survey and determined elevations using a level and level rod
- Operated a total station to collect field measurements

Materials Testing & Concrete Mix Design (MTR 241)

Seneca Polytechnic

- Completed a concrete mix design per ACI 211 (municipal sidewalk scenario), covering all ten design steps including moisture corrections and trial batch scaling
- Authored a formal comparison report benchmarking lab result against a 25 MPa footing/foundation wall specification (slump, w/c ratio, air content, density, projected 28-day strength)
- Completed soil compaction assignments applying density, moisture content, and percent compaction calculations

Structural Analysis Coursework

Seneca Polytechnic

- Solved statically indeterminate beam problems using the method of sections, including shear/moment diagrams and compatibility conditions

EXPERIENCE

Fundraiser & Tax Receipt Coordinator

Central Mosque Scarborough

Nov 2025 – May 2026

- Coordinated fundraising activities and issued tax receipts for donations made via a donor management system (Mervice) and cash, Feb–May 2026
- Maintained accurate donation and receipt records in Excel, cross-checking entries against the donor system for consistency
- Communicated with donors by phone and email to confirm donation details — transferable to coordinating with clients, trades, and project stakeholders
- Applied careful, compliance-driven record-keeping under real deadlines — the same accuracy and documentation discipline required in construction and engineering paperwork

Co-Founder

Naila — Educational Technology Platform

Mar 2025 – Present, Remote, Sri Lanka

- Co-founded an ed-tech startup; collaborated on launching the official website and a lead-capture system
- Collected and analyzed data using Excel and Google Sheets to guide product and engagement decisions
- Coordinated with cross-functional teams to meet deadlines while maintaining accuracy and consistency

EDUCATION

Civil Engineering Technology, Advanced Diploma — In Progress (2nd Year)

Seneca Polytechnic

Jan 2026 – Present

Foundation Certificate in Higher Education

Informatics Institute of Technology

Sep 2023 – Sep 2024

VOLUNTEERING & MENTORING

Peer Mentor

Seneca Polytechnic

Sep 2026 – Present

- Support fellow students academically and help them navigate coursework and campus resources

Treasurer / Member at Seneca Civil Society

Seneca Polytechnic

Jan 2026 – Present

- Participate in technical workshops

FIELD & LOGISTICS

- Valid G2 driver's licence with a clean driving record; access to a reliable vehicle (2010 Toyota Yaris)
- Comfortable working outdoors in varying conditions

SKILLS

Technical Skills

- AutoCAD (2D drafting, structural/steel detailing)
- Surveying
- Civil 3D
- Reading & coordinating structural drawings ACI/ASTM materials standards
- Applied math & geometry
- MS Office/Excel

Soft Skills:

- Attention to detail
- Reliability & punctuality
- Teamwork
- Communication
- Time management
- Adaptability

LANGUAGES

English (Full professional proficiency), Tamil (Native)

CERTIFICATES

- WHMIS 2015
- ICAS evaluated OSSD equivalent
- Foundation Certificate in Higher Education (Completed Sep 2024)

References Available Upon Request