Hiras Ahamed Anasadeen

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SUMMARY

Second-year Civil Engineering Technology student at Seneca Polytechnic (4.0 GPA, President's Honour List) with hands-on experience in AutoCAD and Civil 3D drafting, surveying, structural analysis, and construction materials testing. Detail-oriented, reliable, and safety-focused, with strong communication and record-keeping skills from work and volunteer roles. Seeking a co-op or entry-level role in civil engineering, construction, or design.

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 results 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
- 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 and resolve donation details
- Applied careful, compliance-driven record-keeping under real deadlines

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) *Jan 2026 – Present*
Seneca Polytechnic

- Cumulative GPA: 4.0/4.0; President's Honour List (Winter 2026, Summer 2026)
- Relevant coursework: CAD Fundamentals, Civil CAD Drafting II, Engineer Problems and Statics, Strength of Materials, Materials, Surveying I, Environmental Science; currently taking Structural Design – Steel, Geotechniques, Surveying II, Geographic Info Systems, Technical Communications

Foundation Certificate in Higher Education *Sep 2023 – Sep 2024*
Informatics Institute of Technology

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 for travel to sites
- Comfortable working outdoors in varying conditions

SKILLS

Technical Skills
- **AutoCAD & Civil 3D** — structural steel sheets with connection details, general notes and legends; reference and subdivision plans (Drafting projects)
- **Surveying** — traverse survey and elevations with a total station and level and rod (Surveying project)
- **Structural analysis** — statically indeterminate beams, shear and moment diagrams (Structural Analysis coursework)
- **Construction materials & standards** — ACI 211 mix design, ACI/ASTM standards, soil compaction calculations (Materials, MTR 241)
- **Reading & coordinating drawings** — produced and coordinated structural and civil drawing sets (Drafting projects)
- **Technical reports** — formal comparison report against a 25 MPa specification (Materials, MTR 241)
- **MS Office (Excel), Google Sheets** — records management (Central Mosque); data analysis (Naila)

Core Competencies
- **Attention to detail** — cross-checked every record against the donor system (Central Mosque)
- **Communication** — confirmed and resolved details with donors by phone and email (Central Mosque)
- **Teamwork** — coordinated with cross-functional teams to meet deadlines (Naila)
- **Initiative** — co-founded and helped launch an ed-tech startup (Naila)
- **Time management** — co-founder role alongside full-time studies with a 4.0 GPA (Naila, Seneca)

LANGUAGES

English (Full professional proficiency), Tamil (Native)

CERTIFICATES

- WHMIS 2015
- Blended Intermediate/Standard First Aid & CPR/AED Level C
- Worker Health and Safety Awareness in 4 Steps (Ontario Ministry of Labour, OHSA)
- ICAS evaluated OSSD equivalent
- Foundation Certificate in Higher Education (Completed Sep 2024)

References Available Upon Request