

TOTARAM JAINARAIN

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.....PROFESSIONAL SUMMARY.....

Detail-oriented and results-driven Civil Engineering Technician with hands-on experience in construction project management, surveying, lab testing and building structural engineering. Equipped with advanced proficiency in engineering software, including Revit, AutoCAD, Civil 3D and MicroSurvey. Demonstrates strong problem-solving and leadership abilities, ensuring compliance with safety standards and structural requirements.

.....PROFESSIONAL EXPERIENCE & KNOWLEDGE.....

Operations Technician- Coop Student

Regional Municipality of York- Central Yard

May 2023 to September 2023

- Lazing with contractors and ensured compliance with project standards and high-quality work delivery.
- Surveyed and design winter truck parking lot(Central District) using automatic level and prepared detailed AutoCAD drawing for Supervisor creating an effective parking solution, ensuring better winter operations logistics
- Preparing work orders for Road Maintenance for improved road conditions and timely resolution of safety issues.
- Respond to client CRMs and ensured swift response to inquiries and transparent communication on operational progress.
- Municipal Culvert, Ditches and catch basins(hydro-vac) inspection to reduce flooding risk and improved drainage system performance.
- Reporting to the Supervisor on maintenance progress to support informed decision-making and timely project adjustments.
- Inspecting pavement markings on York Regional Roads and preparing inspection reports.
- Tracking budget and cost for In-house Pavement Markings & ensured projects stayed within budget and optimized resource allocation.

Soils & Surveying Lab Technician

Seneca College of Applied Arts and Technology

September 2022 to December 2022

- Lab Supervision and maintenance and field safety
- Topo Surveying, Leveling, Cadastral Surveying using AutoCAD and Micro survey
- GPS and one-man Total station Surveys
- Total stations and data collector calibrations and instruct students in the field how to use them precisely
- Instruct students on how to do Soils, Asphalt, and Concrete Lab procedures and tests.
- Performing all calculations associated with soils, concrete and asphalt tests and prepare geo-tech reports.
- Proficient in using surveying instruments such as GPS, total stations, and engineering-based software(Micro Survey).
- Knowledgeable in engineering design and survey methods, contributing to precise data collection and analysis.
- Highly organized with strong attention to detail, ensuring the accuracy and reliability of survey data.

Construction Project Coordinator

Building Construction- Local Build Contractors (2 years) - East Coast Demerara, Guyana
May 2019 to August 2021

- Layout residential buildings using **total station** to establish precise control points, layout grids, and reference lines for building corners, walls, and columns.
- Developed **detailed AutoCAD plans and 3D drawings** to assist in enhanced project visualization and facilitated clear construction planning and execution of projects.
- Ensure **health and safety** measures and practices are always adhered to.
- Extensive experience with all **hand and power tools and execution of building activities**.
- Accurately performed **project estimates and material take-offs**, ensuring cost-effective procurement and budgeting for building construction.
- Over 2 years of hands-on experience in the **construction surveying** industry, specializing in surveying and soil testing.
- Oversaw sub-structure and super-structure phases of 5+ building construction, ensuring work **adhered to structural requirements and design plans**.
- Implemented **quality assurance** protocols to ensure all construction activities met the required specifications and standards.
- Effectively coordinated work activities with contractors, supervisors, and clients, **ensuring smooth communication and project progression**.
- **Designed and supervised drainage** and irrigation systems to support sustainable construction practices.

.....**EDUCATION**.....

Civil Engineering Technology (Advanced Diploma) Sep 2021 – Apr 2024

Seneca College School of Applied Arts and Technology, Toronto, ON

Bachelor of Science in Civil Engineering Sept-2020- Aug 2021

University of Guyana, Guyana

3rd year completed- discontinued studies to come study abroad.

Associate of Science, Civil and Environmental Engineering, Sept 2018- Aug 2020

University of Guyana, Guyana

.....**AREAS OF SKILLS & EXPERTISE**.....

REVIT 2023 |RAM Structural(Bently) |**Certification in Microsoft Office suite | AutoCAD Certification |** Micro Survey
| AutoCAD Civil 3D | **MS Project-preparing Gantt charts | Thorough knowledge of the Ontario Building Code/NBC**
| Analytical Skills | **Leadership and Teamwork** | Time Management | Detail Oriented | Problem Solving | Excellent English communication skills.

.....**PROJECTS**.....

Skills and experience in Revit, AutoCAD and RAM Structural software demonstrated in my online portfolio.
Accessed at: <https://totaramjainarainportfolio.my.canva.site/>

.....**ASSETS**.....

Valid Ontario G licence and reliable vehicle to travel to various work sites.

OACETT Member(working towards C.E.T)