

SURYA ANTONY

Civil Engineer

✉ antony3@uwindsor.ca ☎ 226-975-0271 📍 2969 Kingsway Drive Apt-410, Kitchener

🌐 [linkedin.com/in/surya-antony-093bb983](https://www.linkedin.com/in/surya-antony-093bb983)

SUMMARY

Dedicated and experienced civil engineer with extensive knowledge in the design, analysis, and construction of large-scale infrastructure projects. Bringing leadership, drive, and over five years of experience to the table. Proficient in various design tools and field testing practices, and eligible to be licensed as a P.Eng in Ontario and BC. Seeking a challenging opportunity to leverage skills in civil engineering to contribute to impactful projects.

EDUCATION

Master of Engineering - Civil Engineering, <i>University of Windsor</i>	2023 – 2024 Ontario, CA
Master of Technology - Structural Engineering, <i>University of Calicut</i>	2013 – 2015 Kerala, IN
Bachelor of Technology - Civil Engineering, <i>Cochin University of Science and Technology</i>	2009 – 2013 Kerala, IN

WORK EXPERIENCE

Assembler, <i>TRW ZF Automotive Canada Limited</i> <ul style="list-style-type: none">Coordinating team-oriented work culture to achieve targets, performing preventive maintenance, and reporting issues.Verifying correct quantities of parts and checking completed items for quality, and managing parts inventoryAssembling parts using hand tools and power tools to position, align, and adjust parts	11/2024 – 05/2025 Windsor, CA
General Assistant (Part-Time), <i>Ronald McDonald House</i> <ul style="list-style-type: none">Front desk clerical jobs include replenishing supplies and reporting maintenance needs.Develop and implement cleaning procedures and protocols.Conduct quality control checks to ensure work meets established standards.	06/2023 – 12/2024 Windsor, CA
Civil Engineer, <i>Ajit Associates</i> <ul style="list-style-type: none">Analyzed 3D computer models to aid in the creation of engineering designs using Staad.Pro and RCDC.Developed revised facility plans using CIVIL 3D.Analyzed and reviewed accuracy of construction drawings and soil reportsDocumented the design results, drawings and cost estimates	06/2022 – 03/2023 Cochin, IN

Civil Engineer (Design), *FACT Engineering and design Organisation*

03/2018 – 01/2021

Cochin, IN

- Involved engineering design development through analysis and simulation of prototypes and 3D computer models using Staad.Pro, Etabs and RCDC
- Developed and implemented solutions to maintain and improve client infrastructure of existing sites using CIVIL 3D
- Coordinated civil technicians to prepare and update maps and drawings using manual and computer-assisted methods to save construction time
- Verified construction documentation conformed to quality assurance standards and client requirements prior to submission deadlines
- Conducted design reviews and team-based structural planning meetings to ensure timely completion of the projects

Junior Engineer (Civil), *Synergy Architects and Engineers*

02/2016 – 03/2018

Cochin, IN

- Assisted in preparing, reviewing and issuing construction drawings to the work site
- Published technical reports on structural conditions, soil testing, repair cost estimates and corrections required to meet local building codes
- Designed revamped transportation and facilities plans for existing structure remodeling efforts using tools such as Civil 3D and E-Survey CAD
- Estimated quantities and cost materials, equipment and labor to determine project feasibility
- Conducted site surveys and BBD tests for pavement improvement studies and developed Detailed Project Reports (DPR)

TECHNICAL SKILLS

Design Tools

Staad. Pro, ETABS, SAP 2000, RCDC

BIM Software

Revit, Civil 3D, Navisworks, Robot Structural Analysis

Drafting

AutoCAD 2D, ZW CAD, E-Survey CAD

Application Software

MS Word, Power Point, Excel

ArcGIS Pro**ADDITIONAL ASSOCIATIONS AND TRAINING**

Associate Member of the Institution of Engineers (AMIE, India), AM173823-5**Certificate of Training in Civil 3D,** *Infratech*

in AutoCAD

CADD Centre**WHIMS,** *Canada Safety Training Centre*