

Chayanth Suthahar

☎ 905-921-8916 ✉ chayanth_suthahar@gmail.com 🔗 [linkedin.com/in/chayanth](https://www.linkedin.com/in/chayanth)

SKILLS & INTERESTS

Design Tools: SolidWorks, Onshape, AutoCAD. **Fabrication:** Milling, Lathe, Bandsaw, CNC, Soldering

EXPERIENCE

Strategy Representative and Design Member

Sept. 2022 - Apr. 2025

FIRST Robotics Team 2056

Stoney Creek, ON

- Strategized with **120+** teams on match tactics, analyzing opposing robots to optimize collaborative plays and maximize scoring.
- Designed over **10** major components on the robot using Solidworks.
- Help lead a **60+** member team (with 15+ mentors and 8+ leads) to the 2023/2025 FRC World Championships, achieving **1st** place in Canada (2022-2025) and **1st** in the World (2025).

Operations Team Member

Jul. 2023 - Nov. 2024

Hammer Hacks

Stoney Creek, ON

- Coordinated end-to-end logistics for the event with **140+** hackers from **17** high schools across **50** projects
- Managed vendor relationships, sponsorship communications, and resource allocation to meet event timelines and budget constraints.
- Raised **\$12,000** in funding from **15** sponsors as a **501(c)(3)** non profit from McMaster Engineering, Hack Club, Inference Labs and more

Board of Directors

Sept. 2022 - Jun. 2025

Stoney Creek Youth Council

Stoney Creek, ON

- Represented **1000+** youth issues in meetings with city officials and local organizations.
- Contributed to planning and promoting local projects that addressed youth needs and community development in Stoney Creek.
- Developed leadership, teamwork, and public speaking skills through regular council meetings and public presentations.

Marketing Assistant

Jun. 2025 - Aug. 2025

My Mulan Fantasy Dance Drama

St. Catharines, ON

- Supported the development and execution of marketing campaigns to enhance brand reach and audience engagement.
- Contributed creative ideas for expanding Mulan's brand presence through social media, visual storytelling, and community outreach.
- Assisted with promotional activities, partnership coordination, and event-based brand exposure.

PROJECTS

2025 FRC Team – 2056 Robot — “Lighting ”

Awarded Ontario District Champions

- Engineered the chassis with precision using advanced CAD modelling tools.
- Oversaw precision manufacturing of all mechanical subsystems in-house, collaborating closely with teammates.
- Optimized drive performance and autonomous sequences, contributing to the team's recognition as Ontario Champions.

”Keep'on Cooking” — Hackathon Project

McMaster Designathon

- Built a desk-based Pomodoro productivity device combining a focus timer with a game to motivate consistent work and breaks.
- Designed 3D models and animations for prototype design
- Collaborated with a hackathon team to prototype, iterate, and deliver a functional demo under strict time constraints.

EDUCATION

Toronto Metropolitan University

Toronto, ON

Bachelor of Engineering (BEng) / Mechanical Engineering

September 2025

Developing skills in programming, CAD, and mechanical design.