

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech., Civil	Shiv Nadar University, Delhi	7.7	2026
12th Grade	Omega International School ,CBSE	80	2022
10th Grade	Omega International School ,CBSE	90	2020

EXPERIENCE

- **DBM Vircon** May 2024
Summer Intern Chennai, India
 - Gained insights into the construction industry along with relevant standards and understood the detailing aspects of the same comprehensively over 2 months.
 - Studied under various teams in the firm understanding technical and management sides of a detailing firm.
 - Teams in focus: Steel detailing, Rebar detailing, Industrial design, Invoicing.
- **L&T** May 2025
Structural Design Intern Chennai, India
 - Worked as a Structural Engineering Intern with LT Heavy Civil Infrastructure – Metros Division, contributing to the Chennai Metro Phase II project.
 - Gained exposure to underground metro construction including TBM launching shafts, tunnel segments, and retaining systems.

PROJECTS

- **IoT Sensor Network, OUR** Aug 2024
Developed a real time wireless geotechnical monitoring sensor system using IoT.
 - Tools & technologies used: C, Arduino, IoT
 - Result: Engineering may study various real time data from fields from the comfort of their labs and homes.
- **Construction Delay Prediction Model** Jan 2025
Developed a construction management tool using Machine Learning to predict delays during a project.
 - Python, Machine Learning
 - Result: Developed a preliminary model to predict construction delays with an accuracy of 70%
- **AutoCAD to BIM Interface** Aug 2025
Developing a python and dynamo based model to convert 2D AutoCAD models to 3D revit models.
 - Python, Machine Learning, Dynamo, AutoCAD, Revit
 - Result: Have currently developed a model to translate the 2D models to a 3D model and also generate some basic quantity scheduling in the process.

TECHNICAL SKILLS

- **Languages:** English, Hindi, Tamil, Telugu, French
- **Programming Languages:** C, Python, SQL
- **Tools:** Revit, AutoCAD, Excel, Power Point
- **Certification:** Construction Project Management, Columbia University

POSITIONS OF RESPONSIBILITY

- **Co-Lead Organizer,** TEDxShivNadarUniversity April 2024
- **Poduction Lead,** Surge, Annual Sports Fest Aug 2024
- **Poduction Lead,** Cultural Committee Aug 2024

AWARDS AND RECOGNITION

- **United Nation's Student Leadership Conference on Sustainable Development** Indian Delegate
- **Student Conference on Paris Agreement** Indian Delegate
- **India-Sri Lanka Youth exchange program** Indian Delegate
- **Qualification to Global round of World Scholar's Cup**