

KUSHAL THAKKAR

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SUMMARY

Hardworking and enthusiastic civil engineer with strong organizational skills eager to secure internship. A highly driven professional who aspires to work diligently while using his experience, knowledge, and judgment to make the best possible outcome in any situation.

EDUCATION

Master of Science in Civil Engineering (Transportation Engineering) 08/2024 – 12/2025 (anticipated)
University of Texas at Arlington, Arlington, TX

Bachelor of Technology in Civil Engineering 12/2020 – 05/2024
Nirma University, Ahmedabad, India

PROFESSIONAL EXPERIENCE

SAC-ISRO (Indian Space Research Organization), Ahmedabad, India 01/2024 – 06/2024
Researcher

- Gathered data and Performed research into study topics related to finite element, satellites, and its components.
- Carried out extensive research to replace steel which is traditionally used in making waveguide with CFRP.
- Performed Stress-Strain Analysis on various elements.
- Modelled and tested components with the help of software Autodesk Inventor and Ansys.
- Assisted in tests performed on the satellite to ensure the performance.

Induce Engineering, Ahmedabad, India 06/2023 – 07/2023
Trainee

- Attended training courses to build an understanding of processes and industry standard techniques.
- Participated in on-the-job training, collaborating closely with supervisors and co-workers.
- Reviewed CAD drawings for various buildings.
- Conducted research on constructing castellated beams.

Phonix Consulting Engineers, Ahmedabad, India 05/2022 – 07/2022
Intern

- Checked technical designs and drawings for adherence to standards.
- Identified and resolved potential structural issues in building drawings.
- Strengthened communication skills through regular interactions with peers and .
- Gain understanding of ground level issues by regular visits with site engineer.

SOFTWARE SKILLS

- Proficient in engineering software such as AutoCAD, StaadPro, Autodesk Inventor, Revit 3D, Ansys, ETAABS ,MATLAB, VISSIM , PGSuper and ArcGIS.
- Well-versed in using MS Office, with the ability to create entire working seismic analysis (as per Indian standard code for structures) Excel sheets and PowerPoint presentations.
- Working knowledge of Microstation and Synchro

RELEVANT COURSEWORK COMPLETED

Urban Transportation Planning, Traffic Engineering Operations, Concrete Bridge Design and Evaluation