

Sarika Gopagani

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PROFILE

Aspiring to work in a challenging environment with my knowledge of engineering principles, theories, specifications, and standards. Proficient in delivering high-quality service and coordinating with project management and administrative support, completing the tasks on time using technology and minimizing project risks.

EMPLOYMENT HISTOR

Aug 2020 — Dec 2021

Junior Engineer, S Narsimha Contractor

Hyderabad

- Project planning, scheduling, and the successful execution of finishing tasks, ensuring quality assurance and seamless project handover. Conducting civil design calculations for vendor bill generation.
- Overseeing the progress of construction plans to guarantee the project is completed promptly and in accordance with set parameters.
- Collaborating closely with the project manager and other teams to coordinate the design and execution of tasks. Enforcing safety protocols on the site and managing associated activities.
- Established and nurtured strong relationships with reliable suppliers and subcontractors, negotiating favorable terms. Engaged in regular, transparent communication with clients, providing updates on cost-related matters.
- Demonstrated expertise in using AutoCAD for creating detailed 2D and 3D drawings, schematics, and technical illustrations. Created realistic 3D models to enhance project visualization and understanding.

May 2019 — Jan 2020

Intern, National Academy of construction

Hyderabad

- Conducted research on material costs, labor rates, and market trends to ensure competitive and cost-effective pricing.
- Conducted soil analysis tests and used AutoCAD to create preliminary site layout designs, which were later used in the construction of a sustainable housing project.
- Utilized Civil 3D to assist in stormwater management designs for a municipal infrastructure project, contributing to a 15% improvement in water drainage efficiency in the local community.
- Worked with senior engineers to create traffic flow simulations in MicroStation, providing valuable data for an upcoming city roadway improvement initiative.
- Supported quality assurance efforts by conducting field inspections and using MATLAB to analyze structural integrity data, aiding in early identification of potential issues.
- Gained hands-on experience with GIS (Geographical Information Systems) to evaluate site suitability for a new recreational facility, providing key data points for stakeholder decision-making.

EDUCATION

- University of New Haven - Master of Science in Civil Engineering 2022 — 2023
- Vardhaman College of Engineering - Bachelor of Technology in Civil Engineering 2016— 2020

TECHICAL SKILLS

Software:

MS-Office, Microsoft Project, AutoCAD, Staad.Pro, Procore, BIM, Civil 3D, Navisworks

Tools:

Total stations, leveling instruments, lab equipment for soil testing

Expertise:

Drafting and modeling in AutoCAD and Civil 3D

Efficient construction drawing methods.

Cost Estimation

Budget Analysis

Proposal Development

Primavera

CERTIFICATIONS

- Finishing School training programme certified by National academy of construction.
- Bentley Institute Certificate for completing STAAD.PRO course,
- Introduction to Indian Concrete Institute.
- Procore course certification.
- Certificate of training in Managing construction scheduling and risks by National Highway Institute.
- Certificate of training in quality control of repair and retrofit of concrete structures using FRP composites by National Highway Institute.
- Certificate of training in Value Engineering by National Highway Institute.