

SUMMER INTERNSHIP REPORT • JUNE-JULY 2025

Internship Report

Site Engineer Intern at Shree Ganesh Infra Projects

SUBMITTED BY

Harsh Patel
Enrolment No. 220410106045

ORGANISATION

Shree Ganesh Infra Projects,
Ahmedabad

FACULTY MENTOR

Prof. N. J. Trivedi

INTERNSHIP CERTIFICATE

This is to certify that Harsh Patel, a student of Bachelor Of Engineering (Civil Engineering) at Your Government Engineering College, Gandhinagar, has successfully completed an internship with Shree Ganesh Infra Projects, Ahmedabad, as Site Engineer Intern from 9 June 2025 to 2 August 2025.

During the internship the student worked with our Projects (Site Execution) team and contributed to bar bending schedule for a typical floor. We found the student sincere, punctual and eager to learn, and we wish them every success.

(Replace this page with the certificate issued by your organisation, if one was provided.)

Mr. Mehul Desai

Project Manager, Shree Ganesh Infra Projects

HR Department

Shree Ganesh Infra Projects

Declaration

I hereby declare that this internship report, submitted to the Department of Civil Engineering, Your Government Engineering College, Gandhinagar, is a record of the work I carried out at Shree Ganesh Infra Projects from 9 June 2025 to 2 August 2025 under the supervision of Mr. Mehul Desai and the guidance of Prof. N. J. Trivedi. The report has not been submitted elsewhere for any degree or diploma.

Place: _____ Date: _____

Harsh Patel

Acknowledgement

I am grateful to Shree Ganesh Infra Projects for giving me the opportunity to work as Site Engineer Intern and to experience a professional environment first-hand.

I sincerely thank my industry mentor, Mr. Mehul Desai, for patient guidance, regular feedback and for trusting me with real work. I also thank the members of the Projects (Site Execution) team, who welcomed me and answered my questions.

I am thankful to Prof. N. J. Trivedi, my faculty mentor, and to the Head of the Department of Civil Engineering for their support and encouragement.

Finally, I thank my family and friends for their constant motivation.

Executive Summary

This report describes my 8-week internship at Shree Ganesh Infra Projects, a construction company building residential and commercial projects. During the internship I worked as Site Engineer Intern in the Projects (Site Execution) team. I observed and assisted in reinforcement checking, concreting, shuttering, quality tests and billing for a G+12 residential building.

Organisation	Shree Ganesh Infra Projects, Ahmedabad
Domain	Building construction
Role	Site Engineer Intern
Department	Projects (Site Execution)
Duration	9 June 2025 – 2 August 2025 (8 weeks)
Industry mentor	Mr. Mehul Desai, Project Manager
Tools used	AutoCAD drawings, Auto level, Slump cone, Excel

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Company Profile

About the Organisation

Shree Ganesh Infra Projects is a construction company that executes residential towers, commercial complexes and institutional buildings. The project where I trained is a G+12 residential building with two basement levels.

Vision and Mission

Vision

To build safe, durable and well-finished buildings on time.

Mission

To follow sound engineering practice, strict safety rules and transparent communication with clients.

Products and Services

- Residential and commercial construction
- Structural works and finishing
- Project management
- Renovation and repair works

Organisational Structure

The organisation is structured into functional teams, each led by a manager who reports to the leadership team. Interns are attached to one team and assigned an industry mentor.

Department	Main responsibilities
Projects	Site execution, planning and supervision
Quality Control	Material testing and inspection
Safety	Site safety and training
Procurement	Materials and subcontractors
Accounts	Billing and payments

Internship Overview

Objectives of the Internship

1. Relate classroom concepts to real construction activities.
2. Learn site supervision, quality control and safety.
3. Understand drawings, quantities and billing.

Role and Responsibilities

- Checking reinforcement against drawings
- Recording concrete pours and cube samples
- Measuring quantities for bills
- Attending site meetings

Tools and Technologies

Tool / technology	How it was used
Structural drawings	Checking bar sizes, spacing and lap lengths
Auto level	Transferring levels for slabs
Slump cone and cube moulds	Concrete workability and strength tests
Excel	Measurement sheets and bar bending schedules

Weekly Work Log

The table below summarises the work done in each week of the internship.

Week	Dates	Tasks performed	Key learning
1	9–13 Jun	Site induction, safety training, drawing study	Site layout and safety rules
2	16–20 Jun	Reinforcement checking for columns	Lap length and cover requirements
3	23–27 Jun	Slab shuttering and levelling	Using an auto level
4	30 Jun–4 Jul	Slab concreting and cube casting	Slump test and curing practice
5	7–11 Jul	Bar bending schedule preparation	Quantities from drawings
6	14–18 Jul	Brickwork and plaster supervision	Mortar ratios and line-level checks
7	21–25 Jul	Billing and measurement book	How contractor bills are verified
8	28 Jul–1 Aug	Report preparation and review	Documenting site work

Projects Undertaken

Project 1: Bar bending schedule for a typical floor

Problem: The site needed a BBS for the 7th-floor slab and beams.

Approach: Prepared the schedule in Excel from drawings and verified it with the site engineer.

Outcome: Used for cutting and bending with minor corrections.

Project 2: Concrete quality record

Problem: Cube test records were scattered.

Approach: Organised cube casting and test results in a register with dates and grades.

Outcome: Made it easier to check 7-day and 28-day strengths.

Skills and Learning Outcomes

Skill area	What I learned
Technical	Reading drawings, BBS, levelling, concrete tests
Management	Coordinating labour and materials, daily reports
Safety	PPE, scaffolding checks, toolbox talks

Challenges Faced

- Working outdoors during the monsoon
- Understanding local site terminology

Conclusion

The internship connected theory with practice. I now understand the sequence of construction activities and the importance of quality and safety on site.

Suggestions for future interns

Carry a notebook and measuring tape, and ask the foreman to explain each activity.