

Harshad Vasoya

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SUMMARY

M.Tech candidate in Construction Engineering & Management with extensive practical experience in project coordination and execution across residential and industrial sectors. Skilled in scheduling, budgeting, and quantity estimation and costing, with proficiency in project management tools such as MS Project, Primavera, and Microsoft Office. Aspiring to leverage my technical expertise and strong problem-solving abilities in project planning and execution to achieve successful project outcomes and enhance organizational success.

EXPERIENCE

Jinal Developers, Ahmedabad, Gujarat.

Site Engineer (7 Months; August 2022 to February 2023).

As a Site Engineer, I oversaw construction projects, ensuring adherence to design, safety, and timelines. I managed drawings using AutoCAD and prepare 3d models using Revit, supervised site activities, coordinated with stakeholders, and addressed challenges. Additionally, I focused on quality, safety, and gained experience in planning, scheduling, and budgeting.

INTERNSHIP

Rachana Construction, Ahmedabad, Gujarat.

Engineer Intern (1.5 Months; 21st May 2024 to 5th July 2024).

Work as an intern in the company and the role was to learn and supervise the ongoing work of flyover construction of 2.78km length and cost 235.39 Cr. and my activities include planning, quality management, and site execution work.

Deep Developers, Ahmedabad, Gujarat.

Engineer Intern (1 Months; June 2021 to July 2021).

Work as an intern in the company and the role was to learn and supervise the ongoing work of building construction and my activities include site management work.

EDUCATION

Masters in Construction Engineering Management (MCEM) (2023- 2025) * Currently Pursuing
CEPT University | Sem I GPA – 3.2 / 5.00 | Sem II GPA – 3.4 / 5.00 | Sem III GPA – 3.9 / 5.00

Bachelor of Technology (2019-2022)

Pandit Deendayal Energy University | CGPA – 8.91 / 10.00

Diploma in Civil Engineering (2016-2019)

Government Polytechnic Ahmedabad | Gujarat technological University | CGPA – 7.71 / 10.00

Gujarat Secondary and Higher Secondary Education Board – 10th (2016)

Sarvodaya Vidhyamandir School | Percentage – 74%

SOFTWARE SKILLS

1. MS Office 2. MS Project 3. Primavera 4. Enscape 5. Power BI 6. Revit
7. MS Visio 8. AutoCAD 9. Navisworks

AREA OF INTEREST

Project Management, Resource Management & Budget Control, Project Coordination, Project Feasibility, Estimation & Costing, Contract Administration, Project Planning And Execution, Risk Assessment & Mitigation

PRIME ACADEMIC PROJECTS

- 1. Integrated Construction Practices (ICP) of High-Rise Residential Building, Ahmedabad (M.Tech, ICP Studio III) | [Portfolio Studio III](#)**
 - **Timeline:** July 2024 – November 2024 | **Project Value:** ₹112 Crore (2B+G+2P+1HP+20FL)
 - **Deliverables:** EIR & BEP, LOD vs LOS, 3D Modelling, Clash Detection, Quantity Take-off, LPS, Site Layout, 4D & 5D Simulation.
 - **Key Responsibilities:** Scheduling (MSP), Modeling (Revit), Clash Detection (Navisworks), RFI/MOM, project tracking with LPS, and documentation.
- 2. Construction Execution & Monitoring of High-Rise Commercial Building, GIFT City (M.Tech, CPEMC Studio II) | [Portfolio Studio II](#)**
 - **Timeline:** January 2024 – April 2024 | **Project Value:** ₹95 Crore (3B+G+28 Tower)
 - **Deliverables:** Pre-construction Planning, Risk Management, Site Layout, Scheduling, Pour Planning, Quality Management, Lean Tools, Progress Tracking (EVM), and Contract Administration.
 - **Key Roles:** Scheduling (MSP/primavera), cost estimation, risk analysis, tracking, resource allocation, site layout (Revit), documentation.
- 3. Feasibility Study of 500TPD Biomethanation Plant (M.Tech, CPFA Studio I) | [Portfolio Studio I](#)**
 - **Timeline:** July 2023 – November 2023 | **Project Value:** ₹135 Crore
 - **Deliverables:** CPO, Demand, Location, Cost, Risk Analyses, Stakeholder Management; Financial Analysis, Target Value Design, Design Brief and Contract Strategy.
 - **Key Roles:** Demand analysis, scheduling (MSP), WBS, risk analysis, location study, financial evaluation, design brief, reviewed research paper, and documentation.
- 4. Safe Seismic Distance Between Adjacent Ground-Mounted PV Panels (B.Tech Major Project)**
 - **Timeline:** June 2021 – May 2022
 - **Objective:** Determine seismic separable distances for PV modules as per IS-1893 (Part-I):2016.

CONFERENCES ATTENDED

1. Seminar on Advancements in Digital Construction Management | CEPT University | 2023
2. I have presented one paper on "Safe Seismic Distance between Adjacent Ground Mounted Photovoltaic Panels" at the Innovation in Smart and Sustainable infrastructure (ISSI). | Pandit Deendayal Energy University | 2022 | [Certificate](#)
3. I have presented one paper on "Integrating BIM for Pre-Visualization and Complexity Management in Construction Project: A case study" at the The Confederation of Digital Construction Practitioners (CDCPIIndia) | IIT Bombay | 2024.

ACADEMIC ACHIEVEMENTS

1. My research paper, "Integrating BIM for Pre-Visualization and Complexity Management in Construction Projects : A case study " secured First Runners up Position at CDCPIIndia '2024, at Indian Institute of Technology, Bombay. [Certificate](#)
2. My research paper, titled "Safe Seismic Distance Between Adjacent Ground-Mounted Photovoltaic Panels," has been successfully published in [Springer Link](#)

PROFESSIONAL SKILLS

Time Management, Presentation, Teamwork, Flexibility, Problem solving, Communication

PERSONAL DETAILS

Date of Birth: 21st July 2001
Languages: English | Hindi | Gujarati
Nationality: Indian

DECLARATION

I hereby declare that the above-mentioned details in this resume are true, complete, and correct to the best of my knowledge and belief.

PLACE: Ahmedabad, Gujarat

(Vasoya Harshad Narottambhai)