

Hirenkumar Chaudhary

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SUMMARY:

Led diverse construction projects, ensuring on-time, within-budget delivery. Applied robust project management methodologies, coordinated teams, and communicated effectively with stakeholders. Proficiently managed resources, mitigated risks, and maintained quality standards. Resulted in streamlined processes, minimized delays, and successful project outcomes. With a strong blend of technical expertise and practical knowledge, contributes significantly to successful construction endeavors.

EXPERIENCE

ConCius Engineering Services

Surat, Gujarat, India

Assistant Field Engineer - Full Time (Sub Project Manager)

January-June 2022

- Served as Assistant Consultant DPR (Detailed Project Report (Estimation)) in Madhya Pradesh State under the command of Pradhan Mantri Gram Sadak Yojana (PMGSY), a government initiative of India to connect rural road infrastructure with major highways across the country. The allocated budget for this project is established at an estimated cost of **\$25.8 million**.
- Road cross sections should be constructed by a leader of team for significant quantities of earthwork.
- Reviewed and approved the work of subcontractors, conducting inspections, and testing materials and systems.
- Promoted a safe and healthy work environment on the construction site by identifying and mitigating potential hazards, conducting safety audits and training workers on safety practices. Reviewed shop drawings and submittals
- Managed claims and disputes that arose during the project and involved investigating claims, negotiating with stakeholders, and developing solutions to resolve disputes and also helped in acquiring project closeout documentation.
- I performed precise quantity calculations through measurements, overseeing material installation progress.
- The creation of reports for pavement construction, Preparation of concepts and detailed design of interchanges.
- Developed and maintained Submittal Logs, Specification Logs, RFI logs and responses, and as-built drawings
- Made design reports, plans, specifications, construction schedules and worksheets.

GPC Infrastructure Pvt Ltd.

Palanpur, India

Assistant Structural Design Engineer- Bridge Construction Internship

April-December 2021

- Analyzed the designing of bridges and other highway-related structures. The project cost was around \$20 million.
- Led a multidisciplinary team through the structural design process, ensuring compliance with project specifications and requirements for LEAN construction projects. Coordinated, maintained, and have thorough understanding of construction drawings, specifications, and other project documents.
- Conducted comprehensive structural analyses using advanced software tools, considering factors such as load distribution, wind forces, and seismic conditions to guarantee the durability and safety of the bridge structure.
- Successfully delivered accurate and timely progress reports to project stakeholders, highlighting key milestones, challenges, and proposed solutions during the heavy construction phase.
- Project documentation creation and upkeep including but not limited to technical specifications, construction plans, and design reports.
- Highway bridge construction sites to observe the construction process and provided support to the construction team.
- Plastic applicator parts were created using CAD uncovering processes to diminish a few parts e.g., AutoCAD P&ID.

Banas Dairy, Palanpur,

Gujarat, India

Site Project Engineer

May-July 2018

- I Supervised on cost analysis of designs and structures of different types of milk production's plants.
- I observed freestall design parameters of Stall construction and installation.
- I managed the design of pipeline ground structure and installation in the land of wastewater treatment project.
- I learned about water treatment methods such as filtration, chlorination, and UV sterilization to maintain water quality and ensure its suitability for production processes.

EDUCATION:

Stevens Institute of Technology, School of Schaefer School of Engineering & Science

Hoboken, NJ, USA

Master of Science in Construction Engineering

December 2023

Institute of Infrastructure Technology Research and Management

Ahmedabad, GJ, INDIA

Bachelor of Technology in Civil Engineering

July 2017-21

SOFTWARES | CERTIFICATIONS | ORGANIZATIONS

Egnyte, CMiC, Procore, Bluebeam, Primavera P6, Plan swift, Revit, Civil3D, AutoCAD, ArcGIS, Microsoft Suite, Civil 3D

Member of Organizations: **ASSP, CMAA & ASCE**

Construction Manager in Training **CMIT (CMAA)**

OSHA30, Hudson Yards Safety Orientation

AI Applications and Risks in Construction Certification

Project Management Foundations: Budgets Certification

CCTV Systems & **AutoCAD** Layouts Certificat