

# GAURAV PATIL

## Structural Engineer (3+ years Experience)

Result-producing design engineer with expertise in structural design planning, calculation, and analysis using a variety of tools including STAAD Pro, RCDC, AutoCAD, RAM Connection, MS-EXCEL, KRASTA. Familiar with national & internationally recognized codes including IS, ASCE, EN standards. Adept at optimizing project outcomes by successfully collaborating with dynamic, cross-function teams.



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## WORK EXPERIENCE

### STYMER TECHNOLOGIES, PUNE

#### -Structural Design Engineer

-01/2021 –Present,

##### *Responsibilities*

- Perform Structural Analysis & Design of Various Steel Structures such as,
  - Produced water treatment package - Maintenance Steel platform, Skid Package.
  - Pipe rack.
  - Cable basket Sunshade structure.
  - Analysis of STS Crane.
  - Structure Design of Operating, Lifting and Transportation condition.
- Precise Checking of Structural Drawings & Project reports prepared by Analysis & Design team before sending to client.
- Interact with Sales Engineer/Client/Consultant in case of any ambiguity.
- Prepared (DBR) Design Basis report and CRS (comment resolve sheet).
- Coordinating with various inter-disciplines for solving clash issues and queries and report to Project Manager/Line Manager.

### CNSES GLOBAL. MUMBAI

#### -Design Engineer

-08/2019 –09/2020,

##### *Responsibilities*

- Perform Structural Analysis & Design of Various RCC/Steel Substructures & Super-Structures such as,
  - High rise RCC Regular and irregular Building, Isolated foundation, Boiler Package, Oil & gas steel platform, Industrial shed structure with/without gantry girder, Industrial process, piperack.
- Perform Structural Analysis & Design for Steel Structure of various types, located in extreme wind and seismic zones in a well optimized manner.
- Prepare Proposal Sketches & BOQs after optimizing structural design for Incoming Enquiries in Least Possible Time.

### PADMASHREE BUILDERS

#### -Planning Engineer

-08/2019 –09/2020,

##### *Responsibilities*

- Reviewed engineering plans and design for residential projects on Auto-Cad
- Applied principles of structural engineering to solve engineering problem.
- Preparation of detail estimate and bar bending schedule.
- Preparing architectural drawings and schematic designs based on project requirements; studying and assessing drawings, plans, specifications and other documents relating to construction projects.
- Site supervision

## SOFTWARE'S SKILLS

- STAAD Pro
- Autodesk AutoCAD
- RCDC
- RAM Connection
- TEKLA
- ETAB (Basic)
- KRASTA

## KEY SKILLS

- Seismic analysis & design of steel & concrete structures
- Well conversant with IS, AISC, EN codes.
- Good hands on Steel connections, Base plate.
- Good hands on developing excel spreadsheets

## EDUCATION

### M.Tech (Structure)

Sandip University, Nasik

05/2018 - 07/2021,

##### *Percentage*

- CGPA 8.0

### BE Civil

NMU Jalgaon

07/2017,

##### *Percentage*

- 67.07%

## LANGUAGES

English

*Full Professional Proficiency*

Hindi

*Full Professional Proficiency*

Marathi

*Full Professional Proficiency*