

Shubham Sharma

Structural Engineer

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Passport Number: P7939090

Seeking a challenging position to work as civil/structural engineer utilizing my skills and civil engineering background to give better service to an organization.

Summary:

3+ years of experience in Analysis and Design of Steel Structures.

Currently working at **IDES Pvt Ltd** Pune as a Structural Design Engineer.

- Analysis, design and detailing of STEEL & RCC structures for power plant projects.
- Analysis and design of Foundation for RCC and steel structures.
- Knowledge in linear analysis, p-delta analysis, response spectrum analysis.
- Erection of steel bridge under the management of Larsen & Toubro for DMRC.
- Construction of RCC structures, checking of rebar arrangement.
- Design and Detailing of CFS load bearing and infill structures.
- Connection design for HRS and CFS structures.

Key Skills:

- STAAD PRO, ETABS, RISA Connection, Tekla Tedds, AUTOCAD.
- Seismic Analysis, Steel Structures, RCC Structures, PEB, Microsoft Office.

Qualifications:

- B.E in Civil Engineering (2011-2015) with 7.31cgpa from Panjab University Chandigarh India.
- AISSCE (CBSE) & AISSE (CBSE) with aggregate of 82.8% & 88.2% respectively.

Professional Experience:

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Organization : International Design & Engineering Pvt Ltd
Location : Pune (Maharshra) India
Website : <http://www.ides-global.com/>
Duration : January 2018 to July 2018
Designation : Structural Engineer

About Organistaion:

International Design & Engineering Solutions (IDES), (Group Company- Consulting Engineering Corp at Reston USA) is a premier structural engineering company providing Structural & Geotechnical engineering consultancy services to Architects, Builders, and Contractors globally. The motto of the corporation is to deliver its clients the best quality services at the least turnaround time and in the most economical way.

Duties and Responsibilities:

- Analysis, design of CFS Structures using Tekla Tedds
- CFS and HRS Connection Design for load bearing and infill structures.
- Project Co-ordination with client and design team in uk.
- Research and development of spreadsheets based on connection design.
- Checking of GA and fabrication shop drawings and output from Tekla and auto cad.
- Preparation Bill of material for CFS and HRS structures.
- Preparation of proposal for bidding of new projects.

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Organizatio
n :Cheema Boilers Limited
Location :Mohali (Punjab) India
Website :cheemaboilers.com
Duration : July 2015to Jan 2018
Designation :Structural Engineer

About Organistaion:

Cheema boilers limited is one of the India's premier engineering solution company, serving industry's energy requirements. CBL has been manufacturing boilers and allied products for the last two decades .CBL builds high capacity boilers for steam generation power generation, process heating and provides integrated power plan solution.

Duties and Responsibilities:

- Analysis, design and optimization of top and bottom supported boiler supporting structure using STAAD PRO.
- Preparation of foundation loading data for boiler supporting column.
- Design of earthquake resistant structure for boiler supporting.
- Design of fuel storage bins (bunker & ash silo) using IS:9178 .
- Design of base plate and holding down bolts.
- Design of PEB industrial sheds.
- To carry out material forecast based on final design
- Detailing of steel structures using AUTOCAD.
- Coordinating with mechanical design, production and erection teams and provide them solutions.
- Analysis and design of foundation.

Projects Executed:

- M/s Satia Industries 55TPH, top supported AFBC boiler.
- M/s Kanpur Edibles 50TPH, top supported AFBC boiler.
- M/s AB Sugars 20TPH, slop fired bottom supported AFBC boiler.
- M/s Rana Sugars 45TPH, top supported AFBC boiler.
- M/s Satia industries 90TPH, top supported AFBC boiler.
- M/s BCL industries, 20TPH, bottom supported, AFBC boiler.
- M/s Welcome Distilleries, 20 tph slope fired, AFBC boiler.
- M/s Gujarat Ambuja, 55tph coal fired, AFBC boiler.
- M/s Bravo sponge, 50 tph, sponger type coal fired, AFBC boiler.
- M/s Aarti sponge, 12 tph Waste Heat recovery boiler.
- M/s Shree gluco biotech , 40TPH, bottom supported AFBC boiler.

Codal Proficiency:

- IS:456 Indian standard code for RCC design .
- IS:800 Indian code of practice for CONSTRUCTION IN STEEL .
- IS:1893 Indian code for EARTHQUAKE RESISTANT DESIGN of Structure .
- IS:875 part3 Indian code for WIND LOAD on building and structure.
- IS 9178 Indian code for design of STEEL BINS for storage of bulk material.
- Euro code for design of Steel structures .

Professional Training

1. Student Trainee at V.K. Sood Engineers & Contractors Pvt. Ltd New Delhi in Jan-May2015

Project1: Erection and launching of steel bridge.

Erection of 60 meter bow string girder type bridge at Delhi under the management of L&T for DMRC as client .

Roles and responsibilities:

- Checking of column markings as per site layout.
- Ensuring the proper storage of received materials in the stock yard .
- Checking of alignment and level of doka towers after erection.
- Maintaining of daily progress report and man hours.
- Ensuring the proper alignment and level of bridge girders.
- Selection of crane for erection of girders based on load charts .

Project 2: construction of multi level car parking**Roles and responsibilities:**

- Checking of slump test for ready mix concrete.
- Ensuring proper reinforcement for foundation , columns, beams and other structural elements as per site drawings.
- Ensuring proper alignment of structural elements.
- Preparation of bar bending schedule .

2. Student Trainee at designTECH Panchkula under Er. Rohit Gupta (Structural Consultant) in June-July 2014

Project: Design of School Building

E-Curriculum Activities

- Active participation as member of marketing committee during ‘Apratim’ 2013 Chandigarh College of Engineering & Technology (CCET).
- Participated and ranked 2nd in event ‘Scavengers Hunt’ at ‘Lexicon’ 2013 CCET.
- Active member of cricket team in college and company.

Personal Details

Date of Birth : 20th February, 1994

Hobbies : playing chess, cricket, swimming, badminton and cooking.
Address :G706 Pristine prolife, Wakad, Pune Maharashtra-411057
Languages : English, Hindi, Panjabi
Marital Status : Unmarried