

ANANY AGARWAL

CIVIL DESIGN ENGINEER

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PERSONAL DETAILS

NAME: ANANY AGARWAL

D.O.B: 22 SEPTEMBER 1994

NATIONALITY: INDIAN

LANGUAGE: ENGLISH, HINDI

SEX: MALE

RELATIONSHIP: SINGLE

CORE COMPETENCIES

- STEEL/CONCRETE DESIGN
- METRO BUILDINGS
- RESIDENTIAL DESIGN
- COMMERCIAL DESIGN
- CONNECTION DESIGN
- PROJECT COST ESTIMATION
- PEB INDUSTRY

TECHNICAL SUMMARY

- MICROSOFT OFFICE
- AUTOCAD
- STAAD PRO V8i
- HILTI CONNECTIONS
- ETABS
- SAFE

PROFESSIONAL PROFILE

A graduate degree in Civil Engineering and more than 1 years of professional experience along with several months of internships which have enabled me to develop not only specific industry experience, but also a valuable and transferable skill set in this fast-paced sector.

My current work as a Civil Design Engineer has provided me with immense experience in planning, design & analysis of steel and concrete structures along with budget & cost estimation for the projects. Utilising excellent communication and interpersonal skills, I developed and maintained successful working relationships with both internal and external staff.

Looking to secure a position as a Civil Engineer with an objective to work with dedication, commitment and adherence so that I can bring immediate and strategic value to the organisation and develop current skillset further.

WORK HISTORY

Structural Design Engineer

Roark Consulting Engineers
LLP

August 2017 –
Present

Key Responsibilities

- Drafting and development of structural projects by the means of creating new structural plans, details and/or revising existing drawings using AutoCAD.
- Coordinate with Architects, Customers and detailers to develop safe, efficient, and adequate building solutions for the customers.
- Perform steel and reinforced concrete designs in accordance with Indian code for different types of structures such as apartment buildings, Industrial building, Metro buildings etc.
- Perform Design and Analysis of structures such as steel & concrete buildings, water tanks, steel industrial shed, steel & concrete staircase, toll plaza, Canopies etc. in accordance with Indian Code.
- Perform Foundation and Connection design for the structure and issuing working drawings for the same.

Projects handled:

Structure Engineer, PEB Factory of KAZIMA, Gujrat, India

Involved in Design & Analysis of Steel Structures.

Structure Engineer, Pune Metro, Pune, India

Involved in Design & Analysis of Steel & RCC structures, foundation, truss.

Structure Engineer, Foot Over Bridge, DMRC, India

Involved in Design & Analysis of Steel Bridge, foundation.

Structure Engineer, Xayaburi Hydraulic Power Plant, Laos, Vietnam

Involved in Design & Analysis of Steel Structure's, Connections, Design report.

Structure Engineer, IKEA Shop, Bangalore

Involved in Design of connections & proof checking.

Structure Engineer, Government Medical College, Noida, ADPL Anantnag (J&k), India

Involved in Design & Analysis of Steel Structures, long span beams.

Internship - Trainee

Public Work Department (PWD), INDIA

January 2016 -
February 2016

Key Responsibilities

- Worked as a Trainee Junior engineer with a team of highly experienced & Senior engineers and assisted in the inspection of drawings & materials to ensure engineer's specification and quantities were met.
- To Judge the capacity of the materials and designs to handle load, pressure and temperature stress and Monitor the project developments and confirm the actual development with the projections.
- Evaluate the structural designs and explain the project specifications to the workers.
- Worked under the guidance of Senior Engineers so as to increase proficiency & competency in the use and understanding of design software, along with development of skills in Project Management, & Contract and Tender Management.

ACEDMIC QUALIFICATION

Course: B.Tech. (Bachelor of Technology)
Civil Engineering (7 CGPA)

Year: August, 2013 - May, 2017

Institute: Hindustan college of science & technology, Farah, Mathura, India

PROFESSIONAL & PERSONAL SKILLS

- Completed structural design course from CADD CENTER in India and awarded with **Professional in Structural Design** Certificate. Emphasised on the following software's:
 - STAAD PRO V8i
 - AUTOCAD
 - STRUCTURAL DETAILING
 - Have knowledge in **Building estimation & Costing.**
 - Strong Computer skills including excellent skills in MS OFFICE. Have created my own MS EXCEL spreadsheets on various topics, some of which are –
 - Steel Structure Estimation
 - Design of steel structure connections.
 - Rebar quantity calculation for the beams, columns & foundations in RCC structures.
 - Nesting of beams & columns in Steel Structures.
 - Base plate & anchor design.
 - Isolated & combined footing design.
 - Have good knowledge of other software's such as –
 - HILTI Connections
 - ETAB
 - SAFE
 - Organised, accurate & detail oriented with the Ability to balance work load with utmost proficiency & competence.
 - Solid organisational skills along with the ability to multi-task and work with full coordination & determination on multiple projects simultaneously.
 - Committed & seasoned professional with solid work ethics and high level of honesty & integrity toward the assigned work & the organisation.
 - Confident, hardworking, enthusiastic with dedicated, loyal & devoted approach towards the assigned task.
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