



Akshay Bathla

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Profile

I have Bachelor's degree in Civil Engineering from Dr APJ Abdul kalam University and Currently working with CADSoft Technologies as a Civil Structure Engineer. My role is to design as well as detailing of RCC and Steel Structures (PEB) and working on BIM projects using International code, structural design and drawing preparation, estimation and coordination with Architect, MEP Engineer & site Engineer. I have working knowledge of BIS, NBCC, UBC/IBC, ASCE 07 and ISCODES. I have 3+ years of working experience as a Structural Design Engineer and BIM engineer.

Core Competencies

~ Project Planning ~ Modelling and Design ~ Value Engineering
~ Client Relationship Management ~ Estimation and Costing ~ Structural Optimization

Software Skill Set

~ Stadd pro ~ Stadd Foundation ~ Auto CAD
~ Etabs ~ MS Office ~ Autodesk Revit
~ Sketch up

Accomplishments:

- Provided Structural design and BIM consultancy for many companies in cold storage, restaurant, Industrial Factories, warehouses, solar panel structure, Water Tank Structure, Electric tower multi-storey Residential and commercial buildings.
- Skilled in design techniques and working with maps, drawings and models.
- Excellent analytical skills.
- The ability to use own initiative and stick to tight budgets.
- Clearly communicate ideas and give direction leaving no ambiguity.
- A good level of mathematics and Physics that allows for the identification and solving of engineering problems.

Work Experience

Sept 2017–
Present

Civil Structure Engineer

Comp – CADSoft Technologies, Gurugram

Roles and Responsibility:

- Design of RCC and Steel Structures.
- Done Different BIM Projects as designer and Modeller such as resort, restaurant and multi-storey commercial Buildings.
- Analysis and Design of RCC building, Solar Power Plant Structure, Overhead Water Tank Structure and PEB building for different purposes.
- Ensuring all signed off designs met with the appropriate codes of practice and standards.
- Lead many RCC residential, PEB industrial projects at different location in India.

- Preparing structural sections cut-out drawing and BOQ of structural elements.
- Design and Drafting of Structural Drawings of RCC Structures.
- Preparing the cost and estimation of the whole project.
- Done Concrete and Steel Structure Modelling, provide Structure Re-bar, Clash Detentions, Worked on Coordination with Architecture and Mep Engineer.

July 2015–
Sept 2017

Structural Design Engineer

Comp - VLB Structural Consultants, Greater Noida

Roles and Responsibility:

- Responsible for the planning and delivery of a range of disciplinary projects in industrial, commercial, educational and residential sectors.
- Ensuring all signed off designs met with the appropriate codes of practice and standards.
- Perform foundation marking, Column layout and Casting of anchor bolt at the site.
- Lead many RCC residential, PEB industrial projects at different location in India.
- Design and Drafting of foundations, column, beams, slabs drawing and other RCC structural drawing.
- Preparing the cost, estimation of the whole project.
- Detail checking of design and drawings of PEB and RCC BUILDING
- Performing accurate calculations of pressures and stresses placed on each element of a structure.
- Preparation of Design documents and calculation reports.
- Coordination with vendors, clients and other technical agencies.
- Total site quantity estimation and regular follow-ups for getting approval of any excess or deviation in drawing quantity.
- Design Anchor bolt, Connection plate, Square tube, I-sections and other Steel sections.
- Finding and implementing solutions to environmental concerns.
- Design and Drafting of pilling and Raft Foundation.
- Checking of whole Fabrication drawing.

APR 2015 –
JULY 2015

Trainee Structural Engineer

Comp - Himalaya Enclave, Meerut, UP

Project - Analysis and Design of Multi-storey Building

Roles and Responsibility:

Structural Analysis and Design: It contains designing and analysis of different structural components of multi-storey building and preparing structural drawing of the project, Survey work, plastering work, Layout of columns, Marking and Designing of foundation, Preparation of BBS, Drafting of layouts etc.

JUN 2014 –
AUG 2014

Trainee Structural Engineer,

CBRI, IIT Roorkee

Project - Structural Strengthened On F.R.P Beams

- The main objective of this project is to study and examine
- The structural performance of various FRP strengthening techniques for concrete structures
 - Investigate the **load-deformation** response, as well as the cracking behavior of concrete members strengthened with different FRP systems.

Live Projects

BIM	Resort in Darjeeling (Work as BIM Engineer and Modeller) Client – French NRI Krishna.
PEB	Cold Storage in Agra (Work as Structure Engineer and consultant) Client - Manoj Mittal
STEEL	Solar Panel Structure in Assam, agra etc (Work as Structure Engineer and consultant) Surya international Pvt. Ltd.
RCC	Resorts , Commerical complex , Residential House (G + 8) in India Work as Structure design engineer , BIM engineer , Estimation and Costing Engineer,Project planning , client interaction etc.

Academic Qualification

2010–2015	B.TECH. , <i>Bharat institute of Technology (UPTU), Meerut,Percentage – 73.22%.</i> Civil Engineering
2010–2011	Intermediate , <i>C.J.D.A.V Public school, Meerut,Percentage – 83.4%.</i> Maths, Physics and Chemistry
2008–2009	High School , <i>C.J.D.A.V Public school, Meerut,Percentage – 81.4%.</i> Maths, Science and English

Achievements

~Gold medalist in inter college cricket and football tournaments.
 ~ HEAD BOY in Intermediate.
 ~ Winner in inter school debate competition.
 ~ **GATE 2016 QUALIFIED.**

Personal Details

FATHER'S NAME	MR. S.K BATHLA (businessman)
MOTHER'S NAME	MRS. SARITA BATHLA (homemaker)
SISTER'S NAME	MRS. PARUL BATHLA (Network Engg. in British Telecom)
DATE OF BIRTH	16.03.1993
ADDRESS	35/11, SHASTRI NAGAR, MEERUT, U.P.
LANGUAGE	ENGLISH, HINDI, PUNJABI

Declaration

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particular.

Date:

Place:

Akshay Bathla