



Ashis Kumar

Civil Design Engineer

Mail: ashish.24solanki@gmail.com

Contact No: +91-9406543639

Achievement driven Professional targeting for assignments in an Organization implementing **BIM** flow work.

PROFILE SUMMARY

- **3Yrs+** experience in field of BIM driven Modelling & Detailing of **RCC and STEEL STRUCTURES** on **AUTODESK REVIT**.
- Skilled in design activities involving resource planning, preparing drawings, organizing and managing drawings from other departments and consultants.
- Expertise in maintaining work progress and client, contractor and subcontractor's relations.
- Intermediate user of Design & Analysis of RCC and Steel Structures on **STAAD PRO**.
- Good command on popular Project Management Software **Primavera P6**.
- Possesses Go-Getter attitude with strong coordination, analytical & networking capabilities.

REVIT SKILL SET

RCC MODELLING

STEEL STRUCTURES MODELLING

SHEET WORK

FAMILY CREATION

POINT CLOUD MODELLING

REBAR DETAILING

ORGANISATIONAL EXPERIENCE

1. **Organization: WS Atkins India Pvt. Ltd** (On Arya Engineering Solutions Hyderabad's payroll)
Post: BIM Structural Engineer **From:** 09/11/2017 to Present
Location: GuruGram (Haryana).

Work Responsibilities:

1. Structural Modelling, Drafting and detailing of 2D and 3D RCC Structures for their projects on AutoDesk Revit and Autodesk AutoCAD.
2. Preparing general arrangement drawings, Reinforcement Drawings, and Reinforcement Detailing in Revit.
3. Revit family modeling.
4. Maintaining project and company standards in drawings.
5. Coordinating with project managers and engineers for draughting work in a given project.
6. Preparing necessary documents required for projects.
7. Assisting Team lead in work distribution and completion of team's work on time.
8. Handling and management of data and information from client.

2. **Organization: Sonic Energy Pvt. Ltd**

Post: Civil Engineer

From: 01/09/2015 to 31/10/2017

Location: Dehradun (U.K)

Work Responsibilities:

1. Architectural & Structural Modelling & Detailing of Substation Buildings using REVIT.
2. Structural Design, Analysis and Drafting of Structure for Roof Top and Ground Mounted Solar Power Plants.
3. Management of drawings from different consultants and making necessary amendments as of site requirement.
4. Making BOQ and Revised BOQ for Substation Building and Solar Power Plants.

5. Providing necessary software trainings to team.
6. Preparing necessary documents required for projects.
7. Meeting Clients, customers and responsible department officials on behalf of Sonic Energy.

3. Organization: Cetpa Infotech Pvt. Ltd.

Post: Civil Design Trainer. **From:** 03/08/2014 to 31/08/2015

Location: Dehradun (U.K)

Work responsibilities:

1. Delivering lectures on AutoCAD, STAAD Pro, Autodesk Revit softwares and their applications in Construction industries to civil engineering and architect students.
2. Preparing and updating course content and assignments.
3. Distribution of classes to other faculty members.
4. Handling projects on structural drafting and designing.
5. Delivering lectures on Project Management using Primavera P6 to civil engineering students.
6. Conducting workshops and seminars for college students.

Technical Skills:

❖ **Softwares:**

~ Autodesk AutoCAD

~ STAAD Pro

~ Autodesk Revit

~ Primavera P6

~ Adobe CC

~ Autodesk Navisworks.

Education Qualification:

B.Tech (Hons.) from LOVELY PROFESSIONAL UNIVERSITY, PHAGWARA (PUNJAB) with 7.25 CGPA in Year 2014.

Intermediate from Kendriya Vidyalaya No.5 Gwalior C.B.S.E board with 70.6% in year 2009.

High School from Kendriya Vidyalaya No.2 Bikaner C.B.S.E board with 76.6% in year 2007.

Projects Undertaken:

❖ **Hinkley Nuclear Power Plant UK project Client EDF Energy.**

Working with Atkins Global on their ambitious Hinkley Nuclear Power Plant (UK). Work comprises of working on AutoCAD and Revit to create model and detailing.

❖ **RUTC (Richmond Upon Thames College) UK.**

Work comprises of RCC and Steel Modelling in Revit integrated with **Point cloud**.

❖ **33/11 KV Substation Building at Bans Pithoragarh (U.K) Client UPCL Haldwani.**

Analysis, design and prepared detailed architectural, structural and foundation drawings for building using STAAD Pro, AutoCAD and Revit. Maintaining and managing electrical drawings from consultants and coordinating with civil and electrical team for proper execution of project within provided budget and time.

❖ **33/11 KV Substation Building at Rudrapur (U.K) Client UPCL Haldwani.**

Conducted Site survey, soil testing, Site Layout and preparing estimates of work for construction of substation building and land development works.

Analysis, design and prepared detailed architectural, structural and foundation drawings for retaining walls, Culvert and substation building using STAAD Pro, AutoCAD and Revit.

❖ **560 KwP Solar Plant at Water Works Mani Majra Chandigarh.**

Analysis and design of Structure for installation of roof top solar plant at Majra Chandigarh. Prepared detailed part drawings for structural elements.

❖ **1 MWP Solar Plant at Siku Pauri (U.K)**

Work included site survey for ground mounted solar plant on hill including making solar panels layout drawings on AutoCAD, and structural analysis and design of structure using STAAD Pro. Guided installation team to install plant on uneven terrain.

❖ **Prepared Structural and Solar Panels layout drawings for more than 50 roof tops, tin-sheds and ground mounted solar plants.**

❖ Completed 10+ 2D drafting of Architectural plans for Design Campus Architects.

❖ Worked on Drafting and Designing of B.P city at Gwalior for Design Campus Architects.

❖ Drafting and detailing of 5 story Parking Building for Cetpa Infotech Pvt Ltd.

PERSONAL DETAILS

- Name: Ashis Kumar
- DoB: 24/01/1992
- Languages: Hindi, English, Punjabi (Understand Only).
- Marital Status: Unmarried.
- Father's Occupation: Army Rtd., Sub Inspector UP Police.
- Mother's Occupation: Home Maker.
- Address(permanent): Vill- Tyouri, P.O Nawabganj, Farrukhabad(U.P)

About Myself:

I believe in Hard Work along with adequate Knowledge is key to success for personal as well as on professional levels. I try my best to learn new technologies and innovations to keep myself updated and to give my best every time.

Sign:

Date: