

PRASHANT SINGH

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Address- Sultanpur, New Delhi

Objective

A Mechanical Engineer by profession and education, an enthusiastic seeker, visionary leader and strategist by virtue. Completed my bachelor's in mechanical engineering from UPTU. Presently Working with a Solar company as Structural Design Engineer. Broadly my work is a combination of project planning, management & design. My vision is to continue my career with an organization that will utilize my design, management, supervision & administrative skills to benefit mutual growth and success. I am keenly interested in Mechanical engineering as subject and its practical wonders. My interests are project handling, content design & optimization.

Work Experience

Amplus Solar Pvt. Ltd.

June 2017-Present

Structural Design Engineer

At Amplus solar, I am responsible for the Engineering & Design of different types of mounting structure and super structure required for solar power plant.

Project Design for clients –

- 1.MMM (Magnet Marelli Mother son)
- 2.Amazon Hyderabad8
- 3.Amazon Delhi5
- 4.Rapid metro Sec55-56 station
5. Shri Sadguru Seva Sangh Trust, Chiterkoot
- 6.Arjun project
- 7.Pepsico Kolkata
- 8.Mahesh Edible Oil Kota
- 9.Amazon Del5.2 Extension
- 10.Max Punjab

Design preparation of –

1. Solar Structure for RCC roof
2. Bottom rail Structure
3. Clamp and bracket
4. Inverter stand
5. SMCB and sensor Box stand

6. Inverter cage
7. Safety Rope and life line.
8. Skylight protector.
9. Robot module cleaning system in progress.
10. Standardization of drawing.
11. Library work on Standard Design and Document.
12. Piping Design
13. Cable Tray Design

Engineering(R&D)-

Robot module cleaning system.

Path way structure for robot.

Piping system for module cleaning system

Review of:

1. All FCD, structures drawings, Bottom Rail Layouts, walkway Layouts, Cable tray layouts, Module Layouts, Piping layouts & Clamp layouts.
2. Structural drawings & entire process before mass manufacturing - Drawing preparation, checking with design, Proto-checking & correction of drawings & BOM, Final checking of BOM & drawings & preparation of Final BOM of structure & PRS release.
3. Technical requirements of client's specifications and ensure that agreement is reached on the basis of design. Participate in discussions with the client, when necessary.

Other Responsibilities:

1. Pre-Engineering and Preparation of cost sheet of Mechanical works & Steel Structures
2. Visiting factories for proto-checking.
3. Ensure designs and drawings are accurate, Indian Standards.
4. Standardization initiatives and development of templates on engineering calculation
5. Monitor the work and progress are in compliance with the project requirements and schedule
6. Meet client expectations and maintain long-term relationship with client. Attend to client's feedback and any complaints
7. Providing technical support to Tendering, Contract department and Project Management
8. Issue of construction drawings to site, providing site support and monitoring site progress & visiting sites when required.
9. Maintain a high level of communication and team-work with Structural Drafters

Key Relationship:

Strong internal relationships are to be maintained with contractors, services consultants, and fellow team members. External relationships with clients and intermediaries are to be maintained to a professional standard.

Extra-Curricular Activities:

1. Playing Cricket-Amplus Premier League Certificate for Batsman of the Tournament.
2. HR Support in Extra activities -Events, festivals, Birthday, party And Offsite etc.

Technical Skill: Auto-cad (2D+3D) & Solid Work, Staad-Pro, Pvsyst, Sketchup, Google Earth, Aconex.

8minutes Future Energy Pvt. Ltd.
Structural Design Engineer

Oct 2016 to Jun 2017

ROLE-

- ❖ Working as Structural Engineer.
- ❖ Part responsibility of Engineering.
- ❖ Planning of Project work.
- ❖ Cost Controlling
- ❖ Following up with consultant for timely release of drawing.
- ❖ Responsible for resource planning & monitoring the site.
- ❖ Preparing Project related reports.
- ❖ Preparing the cost to completion of civil package for solar.
- ❖ Direct involves in execution of structural steel work.
- ❖ Stability analysis of module mounting structure using Staad Pro
- ❖ Calculation of civil work for solar.
- ❖ PDI for manufacturing structure.
- ❖ Quality inspection of project work.
- ❖ Work at Single axis solar tracker.

Project Design for clients:

1.Residential Projects - Paras Twin Tower, Paras Down Town, Paras Trinity, Jorbagh, Sanik Farm, Defense Colony, Soho Drive etc.

2.Commercial Projects - Hope Hall Foundation School, NBC – Newai, Jaipur, Baroda, Narayan Medical College - Nellore, MVJ Bangalore, Sudhir Power – Manesar.

Blue Star with Reference RVK Engineering Jun 2015 to Oct2016
Assistant Engineer

Role-

- 1.Bracket designing and Analysis for DMRC PROJECT.
- 2.Cable tray support and band designing and lode calculation for L&T PROJECT.

Project for client –

DMRC PROJECT

DELHI METRO RAIL CORPORATION CE-09 LOT-4 –Underground Metro Stations (2015 to present) Design verification, detail Engineering, Manufacture, Supply, Installation, Testing, Tunnel (bracket) and commissioning of electrical & mechanical system including fire & hydraulic system for underground stations of Delhi mass rapid transport system project phase-3.

THE CREST PROJECT

Preparation, engineering & design, execution & monitoring testing and commissioning of all MEP system like a HVAC, PLUMBING (drainage water supply, chiller piping, pumps & firefighting) FM200, air sampling, medical gas, BMS. Complete electrical system & low current system as per compliance with plan shop drawing specification standards & schedule.

Internship

Diesel Traction Training Center, N.E. Railways

July 2014

Technical / Academic Credentials:

Course (Stream) / Examination	Institution / University	Year of Passing	Score
B. Tech. (Mechanical Engineering)	U.P.T.U.	2015	72.16%
Senior Secondary Examination (12 th)	UP Board	2010	60.40%
Secondary Examination (10 th)	UP Board	2008	61.50%

Soft Skills:

Operating Systems: Windows-8, Windows-7, Windows 98, XP, Vista.

Office Packages: MS Office Tools basic computer knowledge with some designing Software like Excel, Auto-cad and Moviemaker

Industry Exposure:

1: Industrial Training

Organization - Diesel traction training center, N.E. railways

Duration - 1 month

2: Industrial Visits:

Excel Technical Limited, Ghaziabad in 1st Year

North Street Cooling Tower, Ghaziabad in 2nd Year

DTTC N.E. railways, Gonad in 3rd Year

3: Technical Skills:

- **Workshop:** welding, sheet metal, machine shop and foundry
- **Operating systems:** CNC machine
- **Deigning Software:** Auto-cad (2D+3D) & Solid Work, Staad-Pro, Pvsyst, Sketchup, Google Earth, Aconex

Project

- ❖ **Hydraulic Engine**
- ❖ Done my seminar PowerPoint presentation on **Hyper Car Technology**

Achievement & Attainment:

- Certification course on **Automobile-Design** for eight days workshop conducted by Drift Advance Design
- Certification course on **Robot - Auto Meta** for two day's workshop and obtained **1st position** conducted by Robot Species Technologies Pvt. Ltd.
- Certification course on **IPR** for two day's workshops in Academics.

Striking Features & Competence:

- Dynamic, easily adaptable, & focused result-oriented person
- An honest performance towards responsibilities and quality service
- Do work with high Degree Initiative
- Positive and Flexible in Nature
- Having Upright and integrative Personalities & Ability to learn new Application

Personal Details:

- Father's Name: LT .ER Avadhesh Kumar Singh.
- Date of Birth : 30-Sep-1993
- Gender : Male
- Languages known: English, Hindi.
- Hobbies: Singing, listening to music, playing cricket

Declaration:

I, **Prashant Kumar Singh**, solemnly declare that the information given above are all-true to the best of my knowledge & belief, and I promise to abide by all the norms laid down by your esteemed organization

Date:

Place: DELHI

PRASHANT KUMAR SINGH