

Rahul Kumar

Address: R-170, Nandgram, Mariam Nagar Ghazibad. Uttar Pradesh-201003

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Sr.Project Engineer- Project Design and Coordination With **6 years** of experience in Projects Design & Engineering.

CAREER OBJECTIVE :

Aspiring for a challenging position to develop my Technical and Inter-personal skills and to become a part of the industry which recognizes and nurtures my energy in such a manner that I can prove to be an invaluable asset for the industry I am associated with.

Profile :

- Professionally accomplished Power Plant Design, Detailed Engineering & material Quality Assurance with 1 Year of experience in Solar PV Designing and coordination.
- Detailed Engineering, Project Planning and Material Quality Inspection, Testing & Assurance with a flair for adopting modern process in compliance with quality standards.
- Self-motivated and accomplished professional with outstanding Data analysis, leadership and conflict resolution skills.
- Organized, disciplined and possess well developed inter-personal skills.
- Ability to align/adopt with dynamic trends/challenges
- Coordinate with management, cross functional teams and clients in the execution of daily tasks and functions.
- Well experienced in studying and converting "Key Performance Indicators" into goals and performance objectives in line with the overall organization requirements
- Hands on experience in designing of Grid Connected solar projects.
- Expertise in detailed engineering, Solar PV system performance optimization and analysis with **PV-Syst, drawing engineering with Auto-CAD, Cost effective analysis, voltage drop analysis** as per client requirement.
- Supporting to installation teams during installation, start-up, testing, system commissioning and plant performance monitoring.

Skills:

Technical Skill	On Grid Power Solar Power Plant designing(Roof top, Carport & ground Mounted), System evaluation and simulation analysis with PV-Syst., Detailed Engineering (SLD, LAYOUT, BOQ, Voltage Drop Calculation), Google Earth and Project Planning, etc. Process quality control , Material quality inspection/assurance etc. Site analysis, Feasibility assessment, latitude-longitude and Azimuth capturing.
Computer skill	Auto-cad, Pv-syst, Google Earth, MS office, MS word, MS excel , Power point etc.

Education:

- B.Tech (Electrical & Electronics) 2009 Uttar Pradesh Technical University Lucknow.
- Government Inter College Ghaziabad (2005).

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Professional Experience

1) M/s C&S Electric Ltd-Delhi

Sr. Project Engineer – Project Design and Coordination.

March 2016 to till date

Role & Responsibility:-

- Solar Power plant energy estimation, feasibility analysis with Client and with team, designing commercial and utility scale solar system (rooftop, carport & ground mounted) from designing Engineering & Execution point of view .
- Techno-commercial evaluation of electrical equipment's (Solar PV Module, Cable sizing, String Combiner Box, Inverter, ACDB, Transformer) & Steel structure etc.
- Supporting to installation teams during installation, start-up, testing, system commissioning and plant performance monitoring & providing technical support to O & M team for ongoing issues at site.
- Power Plant designing with Auto-cad i.e. Layout, Single line diagram, Bill of quantity(BOQ), cost estimation and rate analysis ,cable sizing with voltage drop analysis, etc.
- Inspection of ACDB, Structure, SPD, Cables etc.
- Performing Computer simulation of Solar PV Power Plant with PV-Syst. Software for optimizing plant efficiency and annual energy generation commitment to the Client.

PROJECTS

- Experience in Solar Power plant designing & Commissioning of DSIIIDC(350KWp).
- Experience in Solar Power plant designing & Commissioning of 450kWp at NTPC Vindhyanchal.
- Experience in Solar Power plant designing & Commissioning of St. Xavier School(40KWp).
- Experience in Solar Power plant designing & Commissioning of IOCL Panipat (600KWp) and many more.

2) AIF Engineering Pvt Ltd. Noida

Sr. Project Engineer – Project Design and Site Execution (Erection and commissioning)

Jan-2011-March 2016

Role & Responsibility:- .

- Responsible for Designing of Plant Layout, SLD,Wiring diagram, Cable Schedule,Cable Sizing etc.
- Designed wiring diagrams and electrical schematics using Auto-Cad software
- Preparing Final Version of Details Design and BOQ.
- Procurement of Material as per BOQ
- Creating weekly, monthly look-ahead schedule as well as updating actual progress & related information & comparison analysis
- Organizing & conducting meetings with the project management team.
- Identifying & resolving critical issues before time.
- Managing resource, material procurement, machinery and cost planning as per the scope of work
- Estimation of motors and other electrically actuated instruments from combustion schematics.

- Preparation of I/O list of the instruments given in all the schematics then ordering the PLC, inspection, testing and chasing until delivered to site.

PERSONAL INTEREST

Playing Cricket, Workout in gym.

PERSONAL DOSSIER

Date of Birth: 10 October, 1988

Languages known: Hindi, English.

Permanent Address: R-170, Nandgram, Mariam Nagar, Ghaziabad.

DATE :20-03-17

(RAHUL KUMAR)