

## ABHISHEK KUMAR SINGH

Udyog Vihar ,Phase II  
Gurgaon, Haryana  
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### OBJECTIVE

Seeking a career in a competitive and learning-oriented corporate environment where I can use and enhance my management as well as technical skills while adding value to the organization.

### PROFESSIONAL SNAPSHOT

- *Assistant Manager in the field of Solar PV projects.*
- *Project Management, Designing, Planning and Execution for Solar PV projects*
- *Contract review and PPA evaluation on technical, regulatory and financial perspective.*
- *Leading design and engineering for solar project. Completing designs for PV project including site plans, mechanical racking, single-line electrical drawings, specification of BOS, system details, wiring diagram and costed BOS.*
- *Providing engineering support to project teams and business development team as required.*
- *Working on project implementation including system integration, process development constructions, test and commissioning for ongoing projects.*
- *Competent and diligent professional with an experience of 6 years in Designing, Installation & Commissioning, Troubleshooting & Process Improvement, Inspection & Site Monitoring across Power Generation Plants; currently spearheading as ASSISTANT MANAGER(Solar Project) with PRIME MEIDEN LIMITED.*
- *Expertise in handling 100 MW Solar Power Plant Project to Power Grid Company, Installation of all AC and DC Solar Plant equipment as per standard.*
- *Adept in managing Erection & Commissioning of various equipment for enhancing operational effectiveness of equipment. Skilled in conducting root cause analysis while implementing process improvement and cost reduction initiatives improving productivity by technology management.*
- *Demonstrated competencies in performing installation of electrical equipments, troubleshooting, quick breakdown solution, maximum availability of equipment, equipment behavioral analysis and providing suggestion of improvements and fulfillment of all safety measures.*
- *An effective team player with exceptional designing, planning, monitoring and execution skills coupled with a systematic approach and quick adaptability entailing key focus on bottom line profitability.*

## WORK EXPERIENCE

**1. Company: Prime Meiden Limited. Duration: June 2016 to Present**

**Designation: Assistant Manager**

**Professional Exposure: Regulatory Framework, Tendering, Complete**

**Plant Designing and Project Management**

### **Project Undertaken**

**Organization: HRTC, Himachal Pradesh**

**Description:** Currently working as Assistant Manager in **Prime Meiden Limited**. Responsible for Solar EPC Contract Due Diligence, Project Implementation Schedule, Power Evacuation Arrangement Planning & tracking progress accordingly on ground, Performance Acceptance Tests Monitoring, Reviewing Plant Performance post commissioning.

Leading design and engineering for solar projects-commercial PV, Micro-grid ,off-grid and utility scale Solar Projects.

Complete system designs for PV projects including site plans, mechanical racking, single-line electrical drawings, specification of BOS, system details, wiring diagram and costed BOM. Working on project implementation including system integration, process development, Installation and commissioning.

Responsible for cost estimation, Plant designing, procurement, and responsible for quality assurance of the Erection and Commissioning, Testing of all equipment.

**Organization : PCI Limited, Bawal, Haryana 25KWp & 6KWp On-grid/Off-grid Solar Rooftop**

Complete system design for PV projects including site plans, mechanical racking, single-line electrical drawing, specification of BOS, system details, wiring diagram.

Plant designing and responsible for quality assurance of the Erection and Commissioning, Testing of all equipment.

**Company: Fidato Consultants Pvt.Ltd. Duration: Jan 2014 to July 2016**

**Designation: Senior Consultant(Asstt. Manager)**

**Professional exposure: Plant Designing, Regulatory Framework and Project Management.**

### **Projects Undertaken**

**Organization: SunEdison .RTR-1 18MW Solar PV Project, Pullanaikenpatti, TN**

**Description:** Worked as a Manager in part of the Engineering Procurement and Construction team (Harsha Abakus Solar Pvt.Ltd) for the 18MW Solar PV Project at Pullanaikenpatti, Tamilnadu .Responsible for design review, quality assurance of the Erection and Commissioning, testing of all equipment.

An effective team player with exceptional planning, monitoring and execution skills coupled with a systematic approach and quick adaptability entailing key focus on bottom line profitability.

**Organization: BACKBONE ENTERPRISES LTD .20MW Solar PV Project**

**Description:**

Was a part of the Erection and commissioning team for the 20MW Solar PV Project at Samakhali, Gujarat under Gujarat Solar Policy. Was responsible for Supervision, Erection and Commissioning.

An effective team player with exceptional planning, monitoring and execution skills coupled with a systematic approach and quick adaptability entailing key focus on bottom line profitability.

Was a part of client consultant team as a senior consultant and was responsible for Planning, Execution, Erection, Commissioning, testing and quality of the project. Managed the whole project and was part of Project Consultant team.

**Organization: Sun Group 6MW Solar PV Project**

**Description:**

Was a part of Lender's Engineer team and was responsible for Solar EPC Contract Due Diligence, Project Implementation Schedule, Power Evacuation Arrangement Planning & tracking progress accordingly on ground, Performance Acceptance Tests Monitoring, Reviewing Plant Performance post commissioning.

**Organization: PAR Solar Pvt Ltd 3MW Solar PV Project**

**Description:**

Was apart of Owner's Engineer team and was responsible for Vetting of Engineering Drawings, Supervision of Work during Execution, Overseeing Commissioning of Power Plant and Monitoring PAT and FAT.

**Organization: Essel MP Energy Ltd 20MW Solar PV Project**

**Description:**

Was responsible for supervision and implementation of the Erection and Commissioning. An effective team player with exceptional planning, monitoring and execution skills coupled with a systematic approach and quick adaptability entailing key focus on bottom line profitability.

Was a part of client consultant team and was responsible for Planning, Execution, Erection, Commissioning, testing and quality of the project. Managed the whole project and was part of Project Consultant team.

**Organization: GHI Energy Pvt Ltd 10MW Solar PV Project**

**Description:**

Was a part of Owner's Engineer team and was responsible for Vetting of Engineering Drawings, Supervision of Work during Execution, Overseeing Commissioning of Power Plant.

Was responsible for Planning, Execution, Erection, Commissioning, testing and quality of the project. Managed the whole project and was part of Project team. Was apart of Owner's Engineer team and was responsible for preparation of Detailed Project Report (DPR).

**2. Company: OFS PETROLEUM (P)LTD.**

**Duration: Aug 2013 to Jan 2014**

**Designation: Consultant.**

**Professional exposure: Solar Advisory and Project management.**

- Apprising potential Solar Power Project developers with various State/National Solar

Policies as well as Renewable Energy Certificate (REC) mechanism to put up Solar Power Projects.

- Project Management, Planning and Execution for Solar PV projects.
- Site feasibility studies and report preparation for establishing Solar PV plants.
- Preparation of Detailed Project Reports(DPRs).
- Detailed design and drawing vetting for MW scale projects.
- Included Erection & Commissioning in the fields as per company requirement and giving out solutions.
- Included civil construction work supervision with quality.
- Preparing presentations and proposals as per the services offered and requirement.
- Experienced in commissioning Kw scale rooftop projects.

### **Projects Undertaken**

**Organization: IL&FS Energy Development Co Ltd.    12MW Solar PV Project**

- **Description:**
- Was a part of the detail engineering and designing team for the 12MW Solar PV Project at Ganour, Punjab under Punjab Solar Policy.
- Was responsible for Planning, Execution, Erection, Commissioning, testing and quality of the project.
- Managed the whole project and was part of the project team.

**3. Company: Zamil Infra Pvt Ltd.**

**Duration: Jun 2011 to Aug 2013**

**Designation: Consultant.**

**Professional exposure: Project management.**

- Project Management, Planning and Execution for Solar PV projects.
- Site feasibility studies and report preparation for establishing Solar PV plants.
- Preparation of Detailed Project Reports (DPRs).
- Detailed design and drawing vetting for MW scale projects.
- Included Erection & Commissioning in the fields as per company requirement and giving out solutions.
- Included civil construction work supervision with quality.
- Preparing presentations and proposals as per the services offered and requirement

**Organization: PLG PV 20MW Solar PV Project**

**Description:**

- Was a part of owner's Engineer team for the 20MW Solar PV Project at Dahisar, Gujarat under Gujarat Solar Policy.
- Responsible for Vetting of Engineering Drawings, Supervision of Work during Execution, Overseeing Commissioning of Power Plant.
- Responsible for civil work supervision with quality.
- Responsible for Planning, Execution, Erection, Commissioning, testing and quality of the project.

- Managed the whole project and was part of Project team.
- Responsible for preparation of Detailed Project Report (DPR).

**Organization: Zamil Infra.Pvt.Ltd 3MW Solar PV Project**

**Description:**

- Was apart of owner's Engineer team for the 3MW Solar PV Project at , Godalai,Jodhpur Rajsthan under Rajsthan Solar Policy.
- Responsible for Vetting of Engineering Drawings, Supervision of Work during Execution, Overseeing Commissioning of Power Plant.
- Responsible for civil work supervision with quality.
- Responsible for Planning, Execution, Erection, Commissioning, testing and quality of the project.
- Managed the whole project and was part of Project team.
- Responsible for preparation of Detailed Project Report (DPR).

**Organization:Zamil Infra.Pvt.Ltd 2MW Solar PV Project**

**Description:**

- Was a part of owner's Engineer team for the 20MW Solar PV Project at Panchnauta,Haryana under Haryana Solar Policy.
- Responsible for Vetting of Engineering Drawings, Supervision of Work during Execution, Overseeing Commissioning of Power Plant.
- Responsible for civil work supervision with quality.
- Responsible for Planning, Execution, Erection, Commissioning, testing and quality of the project.
- Managed the whole project and was part of Project team.
- Involved in materials management and inventory control to maintain smooth flow of materials with minimum inventory holding.

**PROJECTS UNDERTAKEN(Academic)**

**1. Company : Powertec Control Instruments, Coimbatore**

**ProjectTitle: On-line automatic switching of consumers connections for improved performance of a distribution feeder.**

**OtherProjects**

- DPR for a10MWSolar PV Power Plant.
- B.TechProjecton Noise Based Electricity Generation Control via Wireless Medium.
- 6weeks summer training at Tehri Hydro Development Corporation in Operations and maintenance in B.Tech.
- 6 weeks summer training at Punjab Biomass Power Ltd.Punjab in B.Tech.

**Internships**

- Sofcon India Pvt. Ltd

**Dissertation Projectin MBA**

## Project Title: Power Market Senerio in India

### Description:

A power market may be defined as a system for effecting purchases and sales through available options based on demand-supply dynamics. The Indian power market has transitioned from a sheltered structure, with limited players, to a dynamic and vibrant market with a large number of players and rapidly rising volumes. This has happened in a relatively short span of time, particularly after the Electricity Act of 2003 gave the necessary impetus. The Act recognized “power trading” as a distinct activity due to which short-term traded volumes and the number of market participants have been on a rise.

### ACADEMIC PROFILE

<i>Education</i>	<i>Discipline / Specialization</i>	<i>Board/ University</i>	<i>Year of Completion</i>	<i>SCORE</i>
<i>MBA</i>	<i>Power Management</i>	<i>University of Petroleum and Energy Studies, Dehradun</i>	<i>2013-2015</i>	<i>CGPA=3.57/ 4</i>
<i>B.E</i>	<i>Electrical and Electronics</i>	<i>Anna University, Chennai</i>	<i>2011</i>	<i>80.02%</i>
<i>Intermediate</i>	<i>Science</i>	<i>Bihar Intermediate Education Council,Patna</i>	<i>2005</i>	<i>60.4%</i>
<i>Matriculation</i>	<i>PCM</i>	<i>Bihar School Examination Board,Patna</i>	<i>2003</i>	<i>74.1%</i>

## TECHNICAL SKILLS

### **Automation Exposure at Sofcone India Pvt.Ltd.**

- PLCs: Allen Bradley (Micrologix1000, SLC 5/03), Siemens (S7-200, S7-300), Modicon (TSX Micro 3705) & Mitsubishi (FX-series)  
Ladder & Logic Development Wiring & Troubleshooting.
- SCADA: Wonder ware's In touch, RS View, Application & Development.
- Process Instrumentation: RTDS, Thermocouples, Level Sensor, Flow sensor, Proximity Sensors, Relays, Contactors, Thermal overload relays.
- Motors/ Starters/ Control Circuits: Induction Motors, Torque/ Speed characteristics, Star Delta Starters, DOL Starters, Reversing starters, interlocking circuits, Wiring. Knowledge of PLC wiring, source & sink concepts.
- Variable Speed Drive: Knowledge of Programming, its Variable speed & Torque Characteristics, Energy saving concepts.
- HMI (panel View 300 Micro): Creating Applications, Downloading / Uploading Program, Communication with PLC.
- DCS: Flexlogix, Introduction to DCS Hardware, Application and hands on practical on DCS.
- Panel designing: Contactor sizing and Bus bar sizing, Load calculation and Panel protect.
- AutoCAD
- Solar PVsyst
- MS Office and Internet Application
- ETAP

### **Certificates**

#### **Electrical Design Engineering**

#### **Institute:**

**Smart Brains Institute of Engineering Design & Research.**

**Languages known:** English, Hindi, Tamil,Punjabi,Gujarati.

## EXTRA CURRICULAR ACTIVITIES

- Participated in debates, dramatics and quiz events at school and college levels.
- Actively participated in sports events at school and college level.
- Participated in various Cultural activities at graduateandpostgraduatelevel.
- Organised various college events and acted as executive manager in inter college festing raduation.

**DECLARATION**

I here by certify that all the information provided here is correct to the best of my knowledge and belief.

**ABHISHEK KR. SINGH.**