

# SANDEEP BHASKAR

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## Personal Details

Date of birth : 08.12.1985  
Sex : Male  
Nationality : Indian  
Father's name : Sh. Pahal Singh  
Permanent Address : SC-8A/1 Garima Garden,  
Sahibabad, Ghaziabad(U.P)  
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## Career Objectives

To take up a challenging career in a professional environment for working, learning and achieving personal growth in synchronous with organizational growth by using engineering skill and experience.

### Key High lights:

**Worked on the following control system platform for different projects:**

- 1. Honeywell DCS- C300- Rosa Thermal Power Plant(4x300 MW TPP)**
- 2. Metso DCS- Dishergarh Power Supply Company Limited (1x12 MW TPP)**
- 3. Honeywell DCS- C300- India Power Corporation Limited (3X150 MW TPP)**
- 4. BHEL MAX DNA System- India Power Corporation Limited (3X150 MW TPP)**

### Key Responsibilities:

- Basic system design engineering and preparation of Overall System Architecture and Control Room Layout
- Detail review engineering of System Architecture, General Arrangements, Power Distribution, Wiring, Heat Load Calculation, System grounding, IO Allocation, Technical datasheet etc.
- Detail interface engineering with third party control systems, Master Clock System, HART Management System etc.
- Inspection of DCS at BHEL (EDN) factory for 3 X 150 MW COAL BASED POWER PLANT AT HALDIA, witnessing the detail hardware & software testing as per approved quality plan.
- Inspection of BOP DCS at Technisys factory for 3 X 150 MW COAL BASED POWER PLANT AT HALDIA, witnessing the detail hardware & software testing as per approved quality plan.

## Job Experience

**9 Years and 10 Month**

### Details of Job Experience

A.

Organization: **Oorja On Move Infra Pvt. Ltd.**

Post Held: **Manager –Projects( Control & Instrumentation)**

Duration: **Year-2017 to present**

Sl. No	Name of Project	Client	Responsibility
1.	Automation and Solar Projects	ICICI/Hindustan Zinc	<ul style="list-style-type: none"><li>➤ Strong knowledge of photovoltaic system design and optimizing system components for energy production.</li><li>➤ Design and Implementation of detail construction drawings.</li><li>➤ Arranged and conducted customer site visits.</li><li>➤ Corresponded with local and state regulatory authorities.</li><li>➤ Provided technical assistance to project manager and sales development manager as required.</li><li>➤ Preparation of comparison sheet of Techno-commercial offer.</li><li>➤ Leaky feeder communication for underground mines.</li><li>➤ Vendor drawing review, Control System Configuration Drawing, Installation Drawings etc.</li></ul> <p><b>Act as Project Manager (Control &amp; Instrumentation) for this project</b></p>

B.

Organization :**India Power Corporation (Haldia) Limited**

Post Held: **Assistant Manager**

Duration :**From Dec-2013 to Dec-2016**

Sl. No	Name of Project	Client	Responsibility
1.	3X150 MW HALDIA THERMAL POWER PLANT, W.B	INDIA POWER CORPORATION (HALDIA) LTD.	<ul style="list-style-type: none"><li>➤ Preparation of specification for Miscellaneous Instrumentation Packages, Balance of Plant Packages.</li><li>➤ Technical tender evolution &amp; preparation of TER.</li></ul>

			<ul style="list-style-type: none"> <li>➤ Preparation of Control Room Layouts</li> <li>➤ Vendor drawing review, such as P&amp;IDs, Layout, GA Drawings, Control System Configuration Drawing, Installation Drawings etc.</li> <li>➤ Review of data sheet, GA &amp; sizing calculation of various C&amp;I items.</li> <li>➤ Preparation of Documents such as Instrument Schedule, I/O List, Alarm Schedule, Cable Schedule, Cable Interconnection Diagrams etc.</li> <li>➤ Review of different Packages like BTG, Coal Handling Plant, Ash Handling Plant, Water Treatment Plant, Fuel Oil Unloading &amp; Storage System, Compressed Air System, CW/ ACW System &amp; Cooling Tower, COLTCS, SWAS, CEMS etc.</li> <li>➤ Design inputs for BOP DCS Engineering and Review of Vendor documents.</li> <li>➤ Interface Engineering</li> </ul> <p><b>Act as lead engineer (Control &amp; Instrumentation) for this project .</b></p>
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C.

Organization :**Shristi Infrastructure Development Corporation Limited**

Post Held: **Assistant Manager**

Duration :**From June-2011 to Nov-2013**

Sl. No	Name of Project	Client	Responsibility
1.	1X12 MW PROJECT AT DISHERGARH, W.B	DPSC LTD.	<ul style="list-style-type: none"> <li>➤ Preparation of EPC specification for Boiler, Turbine Generator &amp; Balance of Plant.</li> <li>➤ Technical tender evolution &amp; preparation of TER.</li> <li>➤ Vendor drawing review, such as P&amp;IDs, Layout, GA Drawings, Control System Configuration Drawing, Installation Drawings etc.</li> <li>➤ Review of data sheet, GA &amp; sizing calculation of various C&amp;I items.</li> <li>➤ Review engineering for DCS Vendor's implemented Control Loop &amp; Logic Diagrams</li> </ul> <p><b>Act as lead engineer (Control &amp; Instrumentation) for this project.</b></p>

D.

Organization: Utility Powertech Limited ( **A Joint venture of Reliance Energy and NTPC**)

Post Held:**Engineer (Control & Instrumentation)**

Duration:**From Feb-2008 to May-2011**

Sl. No	Name of Project	Client	Responsibility
1.	4X300 MW ROSA Thermal Power Plant, Rosa, Shahjahanpur, U.P	Reliance Power	<ul style="list-style-type: none"> <li>➤ Review Engineering for BTG Auxiliary part &amp; Overall plant co-ordination as EPC Contractor.</li> <li>➤ Review of different Packages like Boiler, Turbine, Coal Handling Plant, Ash Handling Plant etc.</li> <li>➤ Coordination with SEC (Chinese expert and supplier for BTG material) regarding supply of BTG material from China.</li> <li>➤ Inter-Departmental coordination in order to facilitate progress for the accomplishment of a fast-track project</li> <li>➤ Vendor drawing review, such as P&amp;IDs, Layout, GA Drawings, Control System Configuration Drawing, Installation Drawings etc.</li> </ul> <p><b>Site Exposure:</b></p> <ul style="list-style-type: none"> <li>➤ Responsible for Boiler and Boiler Auxiliaries erection and commissioning for 2x300MW</li> <li>➤ <b>C300 Honeywell DCS erection and commissioning.</b></li> <li>➤ Commissioning and protection checking of ID fan, PA fan, FD Fan, APH, Oil Elevation, MFT</li> <li>➤ SADC (erection and commissioning).</li> <li>➤ Erection and commissioning of LBCC, Scanners, Igniters, Atomizing, Oil, Purge Valves</li> <li>➤ Cabling of Boiler instruments and Boiler Auxiliaries.</li> <li>➤ Keeping the track of materials to be erected /installed from purchase requisition stage to receiving at site.</li> <li>➤ Construction coordination for resource mobilization, prioritization of job etc</li> <li>➤ Finalization of Cable Raceway and Cable Tray layout along with Electrical deptt.</li> <li>➤ Monitoring of packages. Day to day reporting (DPR), Execution of various packages as per work order, preparation of schedule for work &amp; ensuring timely completion of work.</li> </ul> <p><b>Act as assistant of lead engineer (Control &amp; Instrumentation) for this project.</b></p>

## Inspection Experience

- DCS FAT in BHEL (EDN) Factory for 3 X 150 MW COAL BASED POWER PLANT AT HALDIA
- Control Valve Inspection at Palakkad
- Master & Slave clock system at Sertel Factory.

## Educational Qualification

- **Professional Qualification: B.tech in Electronics & Instrumentation** with first division from Uttar Pradesh Technical University in 2007.
- 12<sup>th</sup> passed from CBSE Board.
- 10<sup>th</sup> passed from CBSE Board.

## Computer Literacy

Microsoft Office.

AutoCad

## Hobbies

- Reading, Playing .

I hereby declare that all the above stated statements are true to the best of my knowledge and belief.

**Date:** .....

**Place:**.....

**(Sandeep Bhaskar)**