

Smita Bhosale

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Carrier objective: To obtain a challenging & responsible position, where I can apply my skills & experience as an asset to the organization

PROFILE SUMMARY

- A dynamic professional with more than **25 years** of rich experience in the field of Electrical Design out of which 22 years of experience is with Material Handling projects
- A dynamic & good **Team Leader** to built teammate skills & boost their own abilities
- Responsible for overall pre engineering, estimation, planning design activity, detail engineering, execution, commissioning support for PLC based projects
- Interacting with Customer to understand their exact requirement from Pre-engineering till commissioning & final system handover
- Enquiring about new products in the technological stream with various Suppliers across the Globe to incorporate in our Design's
- Interacting with internal team for flawless execution of project

EMPLOYMENT DETAILS

AUTOMAG India Private Limited, PUNE

Since August 1998 – Till date

Present Job position – Sr. Manager Electrical Design

Company Profile:

Automag is Project oriented company, manufacturing Material Handling Equipment & Special Purpose Machines for major Giants in automobile sector.

Job Profile:

- Pre-Engineering & Cost estimation for Material Handling system, special purpose machines, etc.
- Design work for plants in the Material Handling Systems. Design involves making detailed Drawings and Bill of Material for PLC Control Panels, Operator Boxes & Cable Schedule for the total plant.
- Selection of PLC system, Switchgear of various makes like Mitsubishi, Fuji, Siemens, Schneider, Idec, etc.
- Selection of Field devices such as Limit Switch, sensors, safety devices as per application requirement
- Programming support for PLC's, HMI's & AC Drives, etc.

Job Responsibility:

- Pre-estimations / costing & detail engineering of all types of overhead, Floor conveyors in Paint shop & Storage area, Slat conveyors, Transfer systems, etc.
- Detail engineering involves making electrical layouts, Control system using Mitsubishi make R series, Q series PLCs with HMI communication & Inverters
- Worked on CC-link IE, CC-Link, Device net networking with Mitsubishi & Omron

Major Projects Experience:

- Honda 2wheeler – Responsible for Pre-estimations / costing, detail engineering, programming support & execution of Conveyors & Transfer system for Paint shop & Weld shop with the help of efficient team of 2 designers & 4 programmers. This project had total 10 Nos. of conveyors with 25 Nos. Drive units. Out of these 4 nos. were Overhead conveyor system & 6 nos. were Floor Conveyors. Mitsubishi make Q series PLC, total 12 Nos, and were used with CC-Link remote IO network & Ethernet network for PLC to PLC communication.
- SML Isuzu – EMS system for Commercial vehicle chassis transfer purpose. This system is executed with Siemens make ET200S PLC with R-Coax wireless communication system

- Daikin India – Assembly line for Outdoor & Indoor AC unit for various models with Omron CJ2M series PLC with Device net Remote I/O networking & Control link communication for PLC to PLC interface. Ethernet communication was used for interfacing with Omron make RFID system for process data handling
 - Bridgestone, Pithampur – Various types of Floor conveyors & transfer equipments for Tire handling. Rockwell make PLC 1756-L72 CPU with control net Remote IO system were used, which was also communicated to existing PLC through Ethernet communication
 - Toyota, Bangalore – Dolly return line for Trim Line assembly conveyor. Friction conveyors control system was designed with TOYOPUC PLC with many safety sensors such as Safety Door switch, Light Curtains, Area scanners, etc
 - Also various projects handled for MSIL, Honda Cars, SMG Gujarat plant, etc
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Alfa Laval (I) Ltd, Pune

From November 1992 to January 1997

Job position – Supervisor - Project Engg

Job Profile:

- Pre-Engineering & Cost Estimation for Turnkey Projects for Instrumentation / Automation Sections.
 - Design work for plants in the Dairy, Refrigeration, and Vegetable Oil Industries. Design involved making detailed Drawings of L.T. Panels, MCC, Control Panels using various types & makes of switchgear & Cable Schedule.
 - Stage & Final Inspection of MCC, Control Panels at vendor.
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Alps Techno Impex Pvt. Ltd., Pune

From February 1997 to August 1998

Job position – Sr. Supervisor – Design & Quality Control

Job Profile:

- Estimation & Design work for L.T. Panels, MCC, and Control Panels for various clients like M/s. Alfa Laval, Thermax Surface coating, Tata Honeywell etc.
 - Stage & Final Inspection of MCC & Control Panels.
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TRAINING UNDERGONE

- Electrical Design of Switchgear Assembly
 - Requirement for System & Equipment Earthing
 - Crash course on PLC - fundamental of Industrial Automation, PLC - Basic to advance programming, Trouble Shooting & Diagnostics of PLC, Writing, Testing Ladder software
 - Mitsubishi make Inverter, AnS series PLC & CC-Link modules conducted by M/s Messung Systems Pvt. Ltd.
 - Omron PLC & HMI
 - Mitsubishi CC-Link IE & IQ-R PLC
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PERSONAL DETAILS

- Address :- “Shreepant”, RL 171, G Block, Shahunagar, Chinchawad, Pune – 411 019
 - DOB :- 11th April 1973
 - Educational Qualification :- DEE passed in 1992 from Cusrow Wadia Institute of Technology with 73% marks, SSC passed in 1989 with 80% marks
 - Computer Skill – AutoCAD , MS Office, familiar with Mitsubishi, Siemens, Allen Bradley, Omron PLC & HMI software
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