



# Pranabesh Chakraborty

Lead Manager at Technical Metal L.L.C.  
Kolkata

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# 17.2 yrs

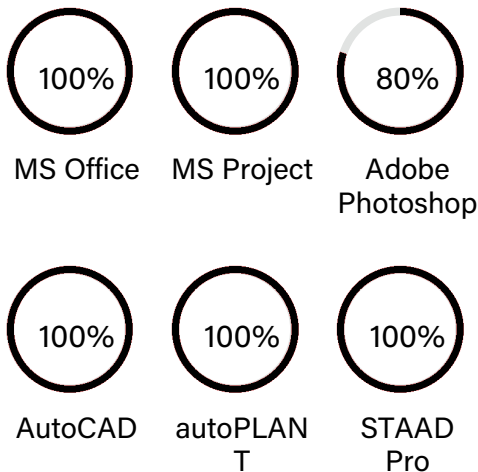
## Technical Skills

- Process Design & Engineering
- Piping Design & Engineering
- Project Engineering & Management
- Cost Estimation, Budgeting & Bid Preparation
- Co-Ordination, Communication & Management Reporting

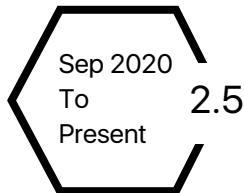
## Soft Skills

- AutoCAD
- CAESAR-II
- PDMS
- Revit
- STAAD-PRO

## Software Proficiency



## Experience



**Lead Manager**  
Technical Metal L.L.C.  
Dubai, United Arab Emirates

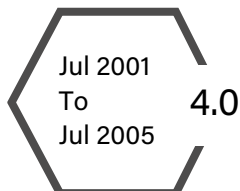


**Design & Estimation Manager**  
Power Solution Industries  
Dubai, United Arab Emirates



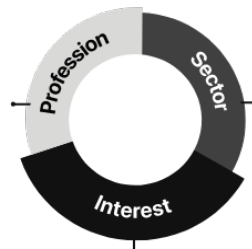
**Senior Manager**  
SMS Group GmBH  
Delhi, India

## Education



**West Bengal University of Technology**  
B.Tech, Mechanical engineering  
Kolkata, India

Steel Structures  
Execution, Sales, Site  
Execution



Water, Metro, Oil & Gas,  
Energy- Renewable, PEB  
Buildings, Mixed Use

Project Management, Cost Management,  
Contracts, Structures, Materials

# My Professional Journey

## Lead Manager

Technical Metal L.L.C.

2.5 yrs

Sep 2020 - Present | Dubai, United Arab Emirates

- Demonstrating excellence in reviewing the client's technical requirements for piping design & establish the project design basis within project schedule.
- Reading the Equipment Manufacturer delivery timeline with integrating it with overall project Timeline, forecasting delays, notify the client about the same.
- Preparation, review & approval of Design calculations and drawings with implementing design criteria and specifications as per client requirements.
- Piping stress & support analysis; fluid balancing ,flexibility & sizing calculation; pipe thickness, Hydraulic calculation, pressure drop & loss calculation.
- Preparation, review & approval of tender documents for mech & process items and co ordination with the tender team for inputs & acceptability.
- Co-Ordination in internal model reviews with ensuring readiness for milestone model reviews for the allotted area; participating in client model reviews
- Leading & Guiding the piping team for standardization activities & preparation of deliverables in line with project requirements.

## Design & Estimation Manager

Power Solution Industries

2.5 yrs

Mar 2018 - Sep 2020 | Dubai, United Arab Emirates

- Design & Estimation for small to large , simple to complex Industrial & residential steel / aluminum structures.
- New product / profile development for the project with competitive optimization.
- Managing & Maintaining company database of past projects for future quick reference.
- Cost & manhour Estimation, budgeting & planning , assisting with defining scope and allocation, estimating & scheduling for project bids.
- Excellent Interdisciplinary co-ordination skills; project co ordination with the site and internal team for update.
- Conversant with piping & Valve Material, guiding to material team, BQ / Cost analysis at appropriate MTO Stages & control; ensuring Fulfilment of required ITB.

## Senior Manager

SMS Group GmbH

2.7 yrs

Jul 2015 - Mar 2018 | Delhi, India

- Preparation, review & approval of process drawings, PFD's, P&ID's, G.A. (Tanks, Pressure Vessels, pumps, Utility systems etc.).
- Site survey & troubleshooting, As-Build Drawings & Layout, resolving mechanical / piping constructability issues
- Continuous communication with top European management for update, training, job responsibility breakdown etc.
- Reviewing of Plant 3d model for all design, accessibility, maintainability & constructability with preparation of work packages for construction activities.
- Various piping system design such as service water, chilled water, instrument & compressed air, hydraulic & pneumatic system, nitrogen, oxygen, steam etc.
- Close interaction & co ordination with project management team, vendors & other associated agencies to achieve project objectives.
- Monitoring project progress, review of junior team members' activities, ensuring implementation of Quality Systems (ISO)

- Design of tank farms CCOE, Non-CCOE as per petroleum act. PESO guidelines; in- depth knowledge of ASTM, ASME,OISD, & API Standards.

## Design Head

Energy Tec W.L.L.

Jan 2015 - Jul 2015 | Doha, Qatar

0.5 yrs

- Steel structure, piping system design & Engineering as per the project scope of work & definition by client.
- Broad progressive work experience in design engineering, for large industrial plants, utilities, process plants, or engineering/construction firms.
- Maintaining contacts (as directed) with client representatives, suppliers, appropriate field personnel and other disciplines.

## Assistant Manager

Larsen & Toubro

Mar 2008 - Jan 2015 | Kolkata, India

6.8 yrs

- Selection & sizing of piping components (pipe, valve, fittings etc.), PFD & PID preparation & review, layout & detail drawing with BOQ preparation.
- Proposal engineering, technical specification review; scope matrix & definition; summarizing; conceptual feed & detail design with project compliance report.
- Team leading, team management; man-power work distribution & reporting; product Management, project management & documentation, client & vendor management.
- Planning, developing, coordinating & reviewing engineering work, such as developing & updating project piping material class specifications (as required).
- Issuing & maintaining piping and valve material specifications, utilizing smart plant reference data & development of component commodity codes for company.
- Preparation of piping layout with optimization following through international standard & approved P&ID ; Zero/intermediate/bulk level MTO, detailed drawing.
- Reviewing of complete technical offer ( pipes, fittings, valves, pumps, blowers, filters, compressors, cooling towers, heat exchangers etc.)
- Facilitating technical discussions with third parties (client, suppliers, regulators) & coordinates with client to obtain approval on phases of work.
- Communicating complex technical issues and recommends solutions to senior / higher management; preparing / overseeing the preparation of discipline estimates.
- Development of technical, design and purchasing specifications for all bulk piping components, & specialty items as required by project.
- Co-ordinate stress analysis activities & implementation of results / analysis to design / supporting; cost effective design, problem solving capability.

## Production Engineer

Jessop & Company Limited

Oct 2006 - Mar 2008 | Kolkata, India

1.4 yrs

- Shop Floor Experience for E.O.T. cranes
- Communication with management
- Labor Management, Man power Management

## **Sales Engineer**

**International Combustion India Limited**

Dec 2005 - Oct 2006 | Kolkata, India

**0.8** yrs

- Marketing of Gear boxes & Geared Motors
- Responsibility of Eastern Indian territory
- Continuous communication with management

## **Certificates**

- Apr 2012 | STAAD PRO
- Aug 2011 | CAESAR-II