

# **SUMANA MUKHOPADHYAY**

J-302, Dwarka Vishwa, Indrayani Nagar, Pune - 411026, Maharashtra  
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## **SUMMARY:**

Skilled professional with about 13 years' experience in executing and managing challenging projects. Expertise in project management, team handling, design & development, problem solving, customer satisfaction & training plans. Efficient collaborator who moves project forward in a competent and technically sound manner. Result oriented with hand on approach in tackling projects & accomplishing goals.

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## **CORE COMPETENCIES:**

- Serve as project manager on small to medium sized projects
  - Ability to handle multiple projects at a time
  - Assist in development of proposals & project execution strategy
  - Ability to lead, guide & motivate teams for project execution
  - Work with Client to resolve challenges during the Project Execution
  - Evaluate new systems, procedures & guide for development of SOPs
  - Handles additional responsibility of Recruitment Activities
  - Expertise in HMBD, P&IDs, piping, supports, pressure vessel etc.
  - Experience in Power plants, Rayon Fiber plants, chemical plants, BOP etc.
  - Assist in Project scheduling & manpower planning
  - Guide team for development of specifications, standards, design guidelines
  - Provide technical support on unusual or difficult issues
  - Certified Internal Auditor of ISO 9001:2015 by TUV Nord
  - Handle additional responsibility of Training Activities
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## **WORK EXPERIENCE:**

### 1) **PLANTECH CONSULTANTS PVT. LTD.**

Nov'2011 - Till Date

#### **DESIGNATION: ASSISTANT MANAGER**

- Assisting in review of enquiry feasibility, preparation of project scope, quotation & proposals, review of Purchase orders after receipt of order.
- Review of client documents & Co-ordinating with Client for technical clarifications.
- Assisting in development of project schedule & resource planning.
- Preparing Project team work Plan & Managing a range of project team consisting of Lead Engineers, Jr. Engineers, Sr. Designers, Designers, Draftsmen.
- Managing mid-size to large project teams for execution of small to mid-size projects, assigning tasks & monitoring completion of tasks.

- Monitoring of workflow through project review meetings, review of manhours & adjustment of timelines & resources considering the needs of both client & the project team.
- Guiding team for preparation of P&IDs, calculations & preparation of various specifications.
- Guiding teams for development of project documents, Plot plan, Equipment layouts, piping layouts, 3D Model, Support design, structural design & detailing etc.
- Review of all deliverables through application of QA/QC documents to ensure quality assurance.
- Providing technical direction to the teams throughout the project execution & resolving internal or external issues.
- Co-ordinating with various disciplines & holding interdisciplinary meetings to ensure timely completion of the project activities.
- Assisting in review the requirement of outsourcing of activities, floating enquiry, assisting in preparation of Purchase orders.
- Monitoring the workflow of vendors to ensure timely completion & review of vendor documents to ensure quality assurance.
- Working closely with clients to resolve challenges around project development, to achieve project milestones & procurement assistance.
- Responsible for planning monthly invoicing and ensuring the completion of work related to the respective invoice.
- Have good record of Customer satisfaction, successfully handling of multiple projects while maintaining good relations with every Clients.
- Arranging Lessons Learnt & knowledge sharing Sessions
- As a certified ISO 9001:2015, Internal Auditor by TUV Nord, planning & execution of Internal Audits.
- Identify training needs of employees, planning & execution of Trainings.

**List of Projects:**

- i) 1x175 MW & 1x60 MW CPP, JSW Dolvi for Thermax Ltd. (On-going)
  - ii) 2x65 MW CPP, GNACL for Thermax Power Division (On-going)
  - iii) 2x120,000 TPA Viscose Fiber Plant, APR Rayon, Indonesia
  - iv) 24 KLPD Distillery Plant, Royal Casks Distilleries, Srilanka
  - v) 2 x 30 MW Thermal Power Plant, PT Mega Daya Tangguh, Indonesia for Thyssen Krupp Industries
  - vi) 3 x 110 TPH HRSG, BPCL, Kochi for Thermax Ltd.
  - vii) Petronas Rapid Project, Malaysia (Design & Detail Engineering of 13 Pressure Vessels)
  - viii) Clean Fuel Projects, KNPC, Kuwait (Design & Detail Engineering of 44 Pressure Vessels)
  - ix) 3 x 55 MW Balingasag Power Plant Project, Phillipines for Thyssen Krupp Industries
  - x) 1 x 45 MW CPP, Orient Cements, Gulbarga for Thyssen Krupp Industries
  - xi) 2 x 90 TPH AFBC, TNPL for Thermax Ltd.
  - xii) 1x 33 MW Captive Power Plant, Gulf Cement Company for Thyssen Krupp Industries
  - xiii) 37 TPH FM Boiler, Toyo Thai Corporation Ltd. for Thermax Ltd.
  - xiv) 85 TPH AFBC Boiler, Isabela Biomass Energy Corporation for Thermax Ltd.
  - xv) Illovo Distillery for Praj Ltd.
  - xvi) Associated Alcohol for Praj Ltd.
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2) **DEVELOPMENT CONSULTANT PVT. LTD.,**

Sep 2009 - October 2011

**DESIGNATION : SR. DESIGN ENGINEER**

- Development of Plot Plan & Equipment Layout
- Development of P&IDs, pipe sizing & pressure drop calculations
- Preparation of Design Basis reports and design calculations.
- Preparation of Equipment Specifications, Tender documents, tender drawings etc.
- Review of Bids and arranging bid clarification meetings.
- Review of Vendor drawings and documents.
- Developing piping layout etc and performing stress analysis of piping.
- Checking of Layouts, isometric drawings & supports

**List of Projects:**

- i) 2x685 MW Thermal Power Plant for GMR Energy
  - ii) Detail Engineering of Balance of Plant for 1x350 MW TPP, KVK NILACHAL PVT. LTD. At Cuttack, Orissa
  - iii) Pre-Bid Engineering of Balance of plant for 160 MW CCPP, Rajasthan Rajya Vidyut Utpadan Nigan Ltd., Ramgarh
  - iv) Pre-Bid Engineering of Balance of plant for 250-360 MW CCPP, Agura Independent Power Project, Nigeria
  - v) EPC Specification preparation for 1x800 MW STPP, Gujarat State Electricity Corporation Ltd.
  - vi) EPC Specification Preparation for 2x660 MW, Simhapuri Phase-III
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3) **FOSTER WHEELER BENGAL PVT. LTD.,**

June 2008 - June 2009

**DESIGNATION : ASSISTANT ENGINEER**

**KEY RESPONSIBILITIES:**

- Preparation of piping layout & isometrics as per the General Layout of the plants and as per P&ID.
  - Checking isometric drawings prepared by designers.
  - Performing stress analysis & Preparation of support schedule.
  - Preparation of stress analysis report.
  - Preparation of Support Sketches.
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4) **SANDPIPER CONSULTANTS PVT. LTD.**

April 2007 - June 2008

**DESIGNATION : ENGINEER**

**KEY RESPONSIBILITIES:**

- Preparation of piping layout as per the General Layout of the plants and as per P&ID.
- Preparation of Isometric drawings along with MTO as per layout and P&ID.
- Preparation of piping layout as per the General Arrangement of the plants and as per P&ID
- Stress Analysis using CAESAR-II, preparation of Stress Analysis Report.
- Preparation of Support Schedule
- Designing Tanks as per Code API 650 & IS 803.
- Designing small pressure vessels as per Code ASME SEC VIII Div.1.

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5) **FORCE MOTORS LTD.,**

Jan 2005 - Aug 2006

**DESIGNATION:**

Feb 2006-Aug 2006: **Engineer**

Jan 2005-Jan 2006: **Graduate Engineer Trainee**

- Designing of Sheet Metal Tools and Spot Welding Fixtures including assembly drawing, details and bill of material.
- Co-ordination with the manufacturing group for each tool and sorting out the problems that arises during machining.

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**EDUCATIONAL QUALIFICATION:**

- BE MECHANICAL from GOVT. COLLEGE OF ENGINEERING PUNE (COEP), MAHARSHTRA in 2004
- HSC from KENDRIYA VIDYALAYA VARANGAON ORD. FY. (CBSE), MAHARASTRA in 2000

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**PERSONAL INFORMATION:**

- Sex : Female
  - Date of Birth : 10 January 1983
  - Nationality : Indian
  - Marital Status : Married
  - Passport : M5592797 valid till Jan 2025
  - Languages : English, Hindi, Bengali, Marathi
  - Computer Skills : AutoCad, Navisworks, Compress, Caesar-II, MS Office
  - Personal Skills : Enthusiastic, Initiative, Attentive, Self learner
  - Hobbies : Web Surfing, Arranging Events & Trainings
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