

## SURAJ LONDHE

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### SUMMARY

**Sr. Piping Design Engineer with 5 Years' experience** in Chemical, API and process plant installation projects. Presently working in full proofed piping design layouts for **renowned EPC Company**.

### ACADEMIC CREDENTIALS

- 2016 Advance PGD in Piping Design and Engineering** from MIT Skills, **Pune** with **First class 65.20%**
- 2015 B.E in Mechanical Engineering** from Yeshwantrao Chavan College Of Engineering, **Nagpur** with **First class 65.70%**
- 2011 12<sup>th</sup>** from Gurunanak College Of Sceince, **Ballarpur** with **80.83%**
- 2009 10<sup>th</sup>** from Sarvodaya Vidyalaya, **Ballarpur** with **85.86%**

### EXPERIENCE

- Designation: Sr. Design Engineer - Piping**  
**Organization: TECHNOFORCE SOLUTIONS INDIA PVT LTD, India [June 2019 to Present]**
- Designation: Design Engineer - Piping**  
**Organization: TRIPLAN INDIA PVT LTD. Pune, India [March 2016 to May 2019]**

### RESPOSIBILITY

- Knowledge compliance with approved **Design Standards and Codes**, to provide Quality design.
- Reading **Piping and Instrumentation Diagram** to Classifying Process piping size and Identification, Critical lines, Mechanical Equipment's, Intended Physical Sequence of Equipment's, Interconnection Reference, Identification of Components, Etc.
- Reviewing 3D Modeling of Process Plant **Pipe line routing** with Fulfillment of Process Flow, corresponding to Piping and Instrumentation Diagram. Using various **CAD Modelling Software** and Representing Generated Plant to Client with **Autodesk Naviswork**.
- Preparation and checking of **Equipment Arrangement Drawing** and **Piping General Arrangement Drawing**.
- Selection & checking of **Primary and Secondary Supports**, Support tagging as per client specified standard and Preparation of **Detailed Special Piping Support Drawing**.
- Preparation & checking of Issued for Construction **Piping Isometric Drawing**.
- Preparation & checking of Preliminary, Secondary and Final **Material Take-Off**.
- Process plant piping Costing & technical datasheet checking.

### PROJECTS

- Project Name: IPCA Pharmaceuticals, Aurangabad (2019-Present)**
- Characterization: Plug flow reactor, ATFD, Tubular reactor, LLE setup for continuous product**
- Project Name: Alembic Pharmaceuticals, Gujrat (October 2019)**
- Characterization: Plug flow reactor setup**
- Project Name: S I Group of India Pvt Ltd, (July 2019)**
- Characterization: ATFE Setup**
- Project Name: YARA Italia, Italy (July 2019)**
- Characterization: ATFD Setup**
- Project Name: KENSAI NEROLAC, Gujarat (2018-2019)**

- **Characterization:** Piping Modeling, Equipment modeling, BOM, Pipe rack load, Preparation Isometrics, Piping layout, Piping Support Drawing, Nozzle Orientation.
- **Project Name: GRASIM, Gujarat (2018)**
- **Characterization:** Piping Modeling, Equipment modeling, Bill of material, Pipe rack load calculation Preparation Isometrics, Piping layout, Piping Support Drawing.
- **Project Name: Koln As Built Phase 2, Germany (2018)**
- **Characterization:** Project Coordination & Scheduling ;3D modeling using Point Cloud Data.
- **Project Name: Givaudan (India) Pvt Ltd, Bengaluru, India (2017)**
- **Characterization:** Piping, structural, equipment modeling & Isometrics, Piping layout.
- **Project Name: Givaudan (India) Pvt Ltd, Bengaluru, India (2017)**
- **Characterization:** Piping layout, equipment layout, HVAC layout, Electrical layout, Civil layout.
- **Project Name: Koln As Built 3D Modelling , Germany (2017)**
- **Characterization:** 3D modeling using Point Cloud Data.
- **Project Name: Bayer, Vapi, India (2016)**
- **Characterization:** Piping Modeling, Equipment modeling Preparation of Bill of material, Preparation of issued for Construction Isometrics. Preparation of Piping layout, Piping Support.
- **Project Name: Serum Institute of India, Pune, India (2016)**
- **Characterization:** Preparation of BOM, Pipeline Routing, Isometrics, Piping & Support Layout
- **Project Name: Dr. Reddy's Laboratories, Andhra Pradesh, India (2016)**
- **Characterization:** Preparation of as built drawing and 3D-Modelling.
- **Project Name: Cadila Healthcare Ltd., Ankleshwar, Gujarat, India (2016)**
- **Characterization:** Preparation of P&ID, Equipment modeling, Preparation of Bill of material. Preparation of issued for Construction Isometrics, Preparation of Piping layout.

### CO CURRICULAR ACTIVITIES

- Successfully undergone in plant training at Built Graphics Paper Products Ltd. Unit Ballarpur.
- 3<sup>rd</sup> merit in Computer Aided Designing conducted by Maharashtra Computer & Technical Education Board, Nagpur.
- 1<sup>st</sup> in SPANDAN, A national level paper presentation competition.
- Participated in BIKERS, A national level workshop conducted by IIT Pawai, Mumbai .

### PIPING SOFTWARE

- **AVEVA PLANT DESIGN MANAGEMENT SYSTEM (PDMS)** - Professional working proficiency
- **TRICAD MS** - Professional working proficiency
- **INTERGRAPH PLANT DESIGN SYSTEM (PDS)** - Elementary proficiency
- **INTERGRAPH CAESAR II** - Elementary proficiency
- **AUTODESK NAVISWORKS** - Full professional proficiency

### DESIGN SOFTWARE

- **BENTLY MICROSTATION** - Full professional proficiency
- **AUTODESK AUTOCAD** - Professional working proficiency
- **CREO Parametric 2.0** - Elementary proficiency
- **MICROSOFT WORD, EXCEL, POWERPOINT** - Full professional proficiency

### PERSONAL SNIPPETS

**Date of Birth:** 14<sup>th</sup> February 1993

**Linguistic Abilities:** English, Marathi and Hindi.

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