

# Ajinkya A. Sawant

B.E. (Mechanical Engineering),  
Specialization in Piping Engineering.

[ajinkya.sawant8060@gmail.com](mailto:ajinkya.sawant8060@gmail.com)

Mobile. : +91 9821372381

## WORK EXPERIENCE : 7+ Years in Layout & Piping

Currently working as Piping Designer in Worley India pvt ltd, Airoli, navi-mumbai

## ACADEMIC PROFILE

| Educational Qualification      | Board/University                | SCHOOL\COLLEGE  | Year of passing | Class        |
|--------------------------------|---------------------------------|---|-----------------|--------------|
| Diploma in Piping Engineering  | Suvidya Institute of Technology | SIT Mumbai  | 2016            | Second class |
| B.E. Mechanical Engineering    | Mumbai University               | Shivajirao S. Jondhale College of Engineering & Technology ASANGAON | 2015            | First Class  |
| Dip.in Mechanical Engineering. | M.S.B.T.E.                      | S. H. Jondhale Polytechnic DOMBIVLI                                 | 2010            | First Class  |
| S.S.C                          | Maharashtra State Board Mumbai  | S.V.JOSHI - DOMBIVLI  | 2005            | Second class |

## TRAININGS AND CERTIFICATIONS

- Completed Post Graduation Diploma in piping engineering from Suvidya Institute of Technology, Mumbai where I acquired knowledge in piping engineering and designing required for industries.
- Industrial visit in RCF, Mumbai where I understood piping fittings, equipment and piping arrangement as per operating and maintenance requirement.

## SOFTWARE SKILLS

Knowledge of:

- E3D
- PDMS 12.0 version (Plant Design Module System)
- SP3D
- Navisworks 2014, 2017
- AUTO CAD 2014
- CAESAR II
- MS OFFICE
- NavisWork freedom 2014

## TECHNICAL SKILLS

Knowledge of:

- Reading P&ID and Layouts.
- Pipes and pipe fittings selection criteria.
- Drawing Isometrics using P&ID and Layouts.
- Preparation of MTO.
- Pipe rack calculations.
- Pipe wall thickness calculations.
- High pressure lines Stress Analysis

## ACADEMIC PROJECT & SEMINAR

- PROJECTS –
  1. Flexible Fuel Eco Vehicle
  2. Pneumatic Riveting Machine

## WORK EXPERIENCE: Total Work Experience of 7+ years

EMPLOYER :- Worley India Pvt Ltd, Airoli, Navi-mumbai – ( Jan 2022 to till date)

Designation: Piping Design Engineer

Singa Growth, SHELL Singapore

EMPLOYER :- Aker powergas, Kanjur marg, Mumbai – ( Aug 2021 to –Dec 2021 )

Designation: Piping Designer

IOCL, Barauni , Bihar

EMPLOYER :- L&T Hydrocarbon Engineering, Powai, Mumbai – (Nov 2020 to July 2021)

Designation: Piping Engineer

IOCL, Panipat Refinery, Haryana India :-

1. Independently designing and modeling in PDMS – line routing as per P&ID.
2. Equipment modeling & preparing orientation markup.
3. Reviewing the model with respect to available input, before passing to area engineer.
4. Incorporating model review comments and develop final model & IFC / RFC documents.
5. Updating the 3d model as per revision or updated design information.

EMPLOYER :- ThyssenKrupp Industrial Solutions (India) – (April – 2018 to August 2020)

Designation: PDMS Piping Engineer

1. GNAL :- Modeling Equipments / Pipe rack / Building for civil markup.  
Routing Pipes up to issued for construction.  
Preparation of Interconnecting P&ID.  
Preparation of equipment arrangement plan and plot plan  
Preparation of Draft
2. KCL :- Routing Lines up to issued for construction.  
Markup P&ID as per isometrics.
3. GACL :- Modeling Equipments / Pipe rack / Building for civil markup.  
Preparation of equipment arrangement plan and plot plan.  
Routing pipes.

4. MOL :- Checking of isometrics for Final Design Review.
5. IOCL :- Preparation of XYZ Bill of Material with P&ID for estimation.
6. NALCO :- Preparation of XYZ Bill of Material with P&ID

EMPLOYER : - Aakshar Engineering pvt.Ltd, Navi Mumbai - (Sept -2017 to Mar-2018)

Designation: Engineer

1. Equipment and piping modelling in 3D PDMS deputation AT MIDC Dombivli
2. Design layout & Draft, isometric extraction
3. Fire-fighting System modelling,
4. Acid chemical plant piping model in 3D Model pdms

EMPLOYER : - Chemplant Project Consultancy, Thane - (Jan-2017 to Aug-2017)

Designation: Project Engineer

1. Calculation of 50m3 Silo for Macawber Egg. Systems
2. Preparation of Inlet-Outlet Skid drawing for Woodfield
3. Preparation of various Datasheets For Henkel Pvt. Ltd.
4. Preparation of equipment layout for IEPL Orica

EMPLOYER :- Aakshar Engineering pvt.Ltd, Navi Mumbai - (June-2015 to Dec-2016)

Designation: Engineer

1. Equipment and piping modelling in 3D PDMS at navi numbai
2. Design layout & Draft, isometric extraction
3. Fire-fighting System modelling

## **STRENGTHS**

- a. Positive attitude towards work.
- b. Disciplined.
- c. Easily adaptive to new environment.
- d. Co-operative while working with the team.

**PERSONAL INFORMATION:**

Name : Ajinkya A. Sawant

Address : 301, Ujwal CHS, Ambika nagar,  
Gograswadi, Santh Namdev Path,  
Dombivli(E) – 421201

Contact No. : 9821372381

Email ID : [ajinkya.sawant8060@gmail.com](mailto:ajinkya.sawant8060@gmail.com)

Date of Birth : 14<sup>th</sup> June, 1990

Gender : Male

Marital Status : Married

Nationality : Indian

Language known : English, Hindi, Marathi

Salary Expected : Negotiable

**DECLARATION:**

I hereby declare that all the details furnished above are true to the best of my knowledge.

Place: Mumbai

Date: 26-07-2022

Ajinkya Sawant