

## **SAHIL GOGA JAMADAR**

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### **CAREER OBJECTIVE**

Looking for a dynamic, challenging & exigent career especially in the field of **Mechanical Engineering** to utilize my knowledge & skills to best extent in an organization which provide equal opportunity for career growth & development.

### **PROFILE SUMMARY**

- Total 7 year of experience in **Machine Tools SPM Design**, Bulk material handling and **Bagging machines**, **Screw conveyer Design & Development**.
- Hands on experience on **Solid Works**, **Auto cad**, **Autodesk 360** all versions.
- Basics of motion study and **Solid Work**, **Static simulation** analysis of machine components.
- Design for manufacturing (**DFM**) & Design for assembly (**DFA**) ,**GD&T (Geometric Dimensioning and Tolerance)**.
- Designing various SPM machine. eg. **U Drill SPM**, **Face Milling SPM**, **Milling and Centring Machine**. **Centring and facing machine**, **Band saw Machine (SPM)**.
- Experience in Designing various type of **jig & Fixture for Drilling**, **Milling**.
- Doing design calculation required for machine design like **power, torque, and force**.
- Designing **sheet metal covers & components** for various machines.
- Designing and selecting the **pneumatic & hydraulic** cylinder, circuit, **power pack** unit, solenoid valve mounting manifold for SPM machines & **trouble shooting**.
- **Selection** of Mechanical and electrical components like **Gear Box**, **Bearings**, **induction motors**, **valve pump** as per ISO design standards.
- Modelling of part and detailing of components & **BOM**. **Preparing 2D & 3D DWG**.
- **Preparing 3D Assembly** of various parts of machine & detailed drawing.
- Knowledge of implementing the all **manufacturing processes** & Material selection.
- To done Satisfactory Machine Design to fulfil customer requirement.

### **EDUCATIONAL DETAILES**

Qualification	Institute	Year	Board/University	Grade
B.E. Mechanical	Sharad Institute Of Technology, college of Engineering, Yadrav	2016	Shivaji University, kolhapur	I st class
H.S.C.	Govindarao junior college, Ichalkaranji	2012	Maharashtra State Board	I st class
S.S.C.	Sane Guruji vidylay, kurundwad	2010	Maharashtra State Board	Distinction

## KEY STRENGTHS

- Considering Constraints in preparation of manufacturing Drawings and communicating the same to the Customer.
- Attending Design related issues at our manufacturing unit and working on continuous improvement.
- Assigning of work to Team members and taking follow up of same based on priorities.

## SOLID WORKS –

- Parts modelling, motion study, static simulation.
- Generative shape Design, Generative sheet metal Design.
- Assembly of modelling parts. Bottom up & Top down assembly.
- Drafting, detailing the following drawings.

**Auto Cad** - Drafting and detailing, parts and assembly DWG.

## WORK EXPERIENCE

Organisation Name	Designation	Period
Plustech Systems&Solution,Pune	Senior Design Engineer	June-23 working currently
Indpro Engineering Pvt.Ltd.Pune.	Senior Associate Invention &Innovation.(R&D)	Dec-2022 – June-2023
Preci Cut Tools. Kolhapur	Design and Development Engineer.	Aug -2016 to Sept- 2022

## PROJECTS (selected)

- ❖ Design **Automatic Bag slitter** machine.
- ❖ **Railway track cutting portable band saw** machine.
- ❖ Design & manufacturing U drill SPM. For Flange **Yoke Drilling**.  
Design overall machine Parts and fixture Modelling and Assembly of machine.
- ❖ Design & manufacturing **Face milling** SPM.
- ❖ Design & manufacturing **centring machines**.
- ❖ D& Manu .Fixture for **Centring and Facing** Machines.
- ❖ Fixture Design for Band saw machines Eg. Horizontal, **vertical special band saw** as per customers requirement.(Customised Design)
- ❖ Turbine ring cutting fixture for **Band saw cutting**
- ❖ Design & manufacturing **Double Head Chamfering** machine.
- ❖ Design & development **circular saw** machine. For metal cutting and riser piston cutting.
- ❖ Automatic **Brick pressing machine**.
- ❖ Rubber belt type Soil **conveyer**, screw conveyer, Honeycomb **belt conveyer**.
- ❖ Pipe swigging machine.

## PERSONAL DETAILS

Name : Mr.Sahil Goga Jamadar  
Date of Birth : 27 Nov.1994  
Gender : Male  
Married : Yes  
Correspondence Address : sunny corner factory road kabnur, Ichalkaranji 416116

## DECLARATION

Hereby declare that the above mentioned details are true and correct to the best of my knowledge

**Sahil Goga Jamadar**