

CONTACT

SHASHANK SUNIL MAHAJAN

📍 KOTHRUD, PUNE

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OBJECTIVE

To give my best in my professional pursuit for the overall benefit and growth of the company that I work in.

EDUCATION

- | | |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2021 | <ul style="list-style-type: none">• Indira College of engineering and management
Bachelor's of Engineering in Mechanical
7.91 |
| 2017 | <ul style="list-style-type: none">• Maharashtra State Board
Higher secondary Certificate
68.46 |
| 2015 | <ul style="list-style-type: none">• CBSE
Secondary School Certificate
79.2 |

EXPERIENCE

Sep 2021 - Present

- **Design Engineer**
Patson Machines Pvt. Ltd.
 - ° Working as a Machine Design Engineer in SPM manufacturing company.
 - ° Designing the special purpose CNC Machines using CAD software's Inventor 3D ,Solid works ,Creo & AutoCad .
 - ° Developing detailed manufacturing drawings with proper GD&T, ISO ,DIN Standards, ASME codes. ,Heat Treatment Process, Welding ,Sheet metal Designing.
 - ° Using DFA,DFMA,DFM. BOM preparation & Entry to ERP Software.
 - ° Designing proposal drawings, 3D & 2D for presentation.
 - ° Have Knowledge of Pneumatic & Hydraulic Cylinders, Compressor, Pumps, Motors, Indexers, Dispenser Units.
 - ° Discussing the customer requirement for Design Approval on site location.
 - ° Designing Fixture, Spindle, CAM Profile, Fabrication Brackets, Base, Conveyors, Hoppers for better performance with 5S, Six Sigma techniques.
 - ° Design Pneumatic Circuit, preparation of manual for machine.
 - ° Developing Special Purpose Machines according to customer need.

PROJECTS

- **Rf Case & Cap Chamber SPM**
 - Design & Drafting of whole Machine using Inventor 3D.
 - Rf Case & Cap Chamber assembly design used in Stun Grenades (BSF, Gwalior)
 - Visit to BSF, GWALIOR for DAP Presentation.
- **SPACER ASSEMBLY SPM**
 - °Design, development & Assembly of spacer Assembly use for Tear smoke Bomb (BSF,
- **40 MM Bullet Crimping SPM(AFK)**
 - °Design 3D model, layout for crimping 40 MM bullet.
 - ° Visit to AFK,Pune for presentation and DAP sanction.
- **Flash Hole Drilling SPM(9mm Bullet)**
 - ° Design and Develop Flash hole drilling SPM for AFK,Pune.
 - ° Detailing the drawings for manufacturing., Using DFA,DFMA, DFM.
 - ° Currently Working.

SOFTWARE USED

- AutoCad
- Inventor 3D
- Creo
- Solidworks

SKILLS

- Adaptable. Self Motivated. Public Speaking. Teamwork.

PERSONAL INFORMATION

- Father's Name:- Sunil Mahajan
Date of birth :- 23rd March 1999
Language:- English, Hindi, Marathi
Nationality:- Indian