

## Sandeep N Khokale

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### CAREER OBJECTIVES

- To be a part of challenging environment wherein, get opportunities to prove capabilities in the field of design and development and contribute towards achieving organizations objectives.

### SUMMARY

- Bachelors of engineering in Mechanical engineering stream from university of pune.
- Pursued Professional Training in CAE.
- An effective Communicator, presenter, Self Directed person and can work well under pressure.
- Quick Learner with desire for continuous personal growth.

### TECHNICAL COMPETENCIES

#### Design applications:

- AutoCAD 2015,
- Catia V5 R21
- Creo 2.0
- Solid Works 2015

### WORK EXPERIENCES

#### A REWALE GROUP OF COMPANYS

#### SHRINIWAS MACHINE CRAFTS PRIVATE LIMITED, BHOSARI, PUNE

- **EXPERIENCE:** From 4<sup>TH</sup> may 2015 till Date.
- **Post:** Junior Design Engineer.
- **Nature of work:** 1. Sheet metal part design and development.  
  
2. Tool design and development for punching, bending and press machines  
  
3. Fixture design and development for press, welding, powder coating, material handling  
  
4. Execute final cost of the product.  
  
5. Testing and checking first prototype development until its productionised.

## ROLES AND RESPONSIBILITIES

- Understanding customer drawings and requirements of the final product.
- Developing 3-d model of the product and define the feasibility of the product for manufacturing.
- Developing the product punching drawings, plasma drawings, bending and manufacturing drawing for shop floor with required PPC document and GD&t
- Decide Process Flow Diagram (**PFD**) & Process plan.
- Calculating parameters of product such as weight BOM, plasma cutting parameters bought out part cost, powder coating area etc.
- Formulate the costing of the product.
- Designing the required punching and press tools and developing the same in tool room.
- Developing fabrication fixtures bending punches and dies.
- Developing proto types of various customers as per their requirement and suggesting the required changes.
- Developing components by reverse engineering methods.
- Training the fresher recruited employees about design and development of the product.
- Reporting to top management & maintaining the all essential data for ISO certification
- Interacting and maintaining customer's professional relationship.

## Domain Cad skills

- Completely parametric part 3D modeling using Catia V5. Or Solid works 2015.
- Assembled all parts and check for intrusions using clash analysis using the Catia v5.
- Creating part parameters using various features like cutouts, louvers, automatic bends, unfolding parts, extract drawings.
- Creating advance parameters such as stamping, patterning, interoperability. Also developing sheet metal drawing from given solid.
- Create 2D Drawing & Documentation using 3D Model on Catia V5 & Auto Cad 2008 with required Gd&t.

## PROJECT

### CATEGORY- EXPORT

**PROJECT NAME-7.5-20KVA KOEL SUPRSILENT CANOPY MYANMAR 1000LTR FUEL CAPACITY**

**SOFTWARE-CATIA V5, AUTOCAD 2015**

### DESCRIPTION-

- Developing super silent Canopy with maximum sound level of 55dB at 4 meters distance.
- Close volume as per customer's directions.
- Thickness selection of both Base and CKD on basis of customer's requirement.
- Selection of insulating materials and regulating its proper fitment in panels.
- Preparing CNC program and manufacturing drawings.
- Preparing production planning of prototype and developing proto as per drawings.
- Estimating cost of product with the help of bill of material, laser cutting cost, hardware, manufacturing cost, transportation, overheads and profit.

- Finalized cost of product by proper communications with customer.

#### EDUCATIONAL QUALIFICATIONS

- **2010-14:** Bachelors of mechanical engineering from College of engineering, pravaranagar affiliated to university of pune with 65.80%.
- **2007-10:** Diploma in Mechanical engineering from KBP Polytechnic kopargaon with 80.70%.
- **2006-07:** SSC from sanjivani English medium school kopargaon with 78.76% from Pune Board.

#### EXTRA CURRICULAR ACTIVITIES AND ACCOMPLISHMENTS

- Actively participated in playing football and cricket matches during school and college.
- Volunteer in annual social gathering and 'Precision' a national event held at college.
- Regular donor of Blood.
- Participated mini marathon race in 2013 held at Ioni.
- Holds certification of elementary and intermediate drawing exams and language exams too.

#### PERSONAL PROFILE

**Date of Birth** : 21<sup>st</sup> November 1990

**Fathers Name** : Mr. Nivrutti Madhavrao Khokale

**Hobbies** Travelling, Hearing music, Playing football and Surfing.

**Languages known:** English, Hindi, Marathi and elementary knowledge of German language.

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