

CURRICULUM VITAE

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SUMMARY

- An accomplish **Diploma** in **Mechanical** engineering with first class having **2.4 year** experience in **design** & **1.7 year** experience in **manufacturing**.
- Currently working as a Design engineer in **Dana India Technical Centre Pvt. Ltd.**
- Having knowledge about Axle assemblies and its child parts.
- Having knowledge of designing the High Pressure Die Casting Dies, Trim tools.
- Good knowledge of PDM and PLM software like Windchill, Solid works, Team center.
- Proficiency in **Creo Parametric-2.0**, Auto cad Software -Modeling, Drafting, Surfacing, Assembly techniques & having good working knowledge of GD&T.

CAREER OBJECTIVE

Looking for a challenging career, which demands the best of my professional abilities, technical and analytical skills. A job which will help me in upgrading my current skills and knowledge and where I can have a good scope for learning & implementing new technologies.

WORK EXPERIENCE

Work Experience : - (Total Exp.:- 4.1 Years)

- 1] **Organization :** Staffing Services India Pvt. Ltd, Pune
 Onsite Depute: Dana India Technical Centre Pvt. Ltd, Pune
 Designation : Design Engineer
 Duration : 16th April 2018 to Till Date
 Department : Axle Design (Commercial vehicle drive train)

Roles & Responsibilities:-

- Study customer input & EWO from application engineer, Discuss with team for complete solution.
- Design components required for an Axle, Design of rough & finish casting & forging parts
- Create & modify carrier sub-assembly as per customer requirement.
- 2D & 3D conversion of casting and forging parts.
- Create drawing of Axle assemblies and child parts with the application of GD&T.
- BOM preparation and drawing release to Concept, Prototype, Production.
- **Siemens PLM (Team Center)** works – Take new part numbers, Revise the numbers, change part activity, creation of BOM, attach hpg, cgm, jt files & assign the work.

Major Completed Projects:-

- D2-155 - Tandem Drive Axle (Navistar)
- HDT- Heavy Duty Tandem Axle (Ashok Leyland).

2] **Organization :** Sigma Electric Manufacturing Corp. Pvt. Ltd. Pune
 Designation : Diploma Engineer Trainee
 Duration : 2nd Sep 2016 to 15th April 2018 (1.7 year)
 Department : Tool Design

Roles & Responsibilities:-

- PDC Die Design (Hot & Cold Chamber)
- Design Trim Tool for Casting Trim.
- 2D to 3D Modeling in Creo Parametric 2.0
- To Design Manufacturing Drawing, with the application of GD&T.
- Parametric Modeling by using Creo Parametric 2.0.
- Reverse Engineering as per new development.
- Receiving customer input changes & implement in the product design.
- Preparation of Tooling Bill of Material by using Creo-2.0
- Data management by using Windchill PLM-10.1 & Solid works PDM.

Major Completed Projects:-

- Design of a PDC Die for Zinc & Aluminum components.
- Design of a Trim Tool for Zinc & Aluminum components. (Project Tool)
- Reverse Engineering of different parts of old dies.
- Modifying the existing PDC tools as per requirements & new technology.

3] **Organization :** Brembo Brake India Pvt. Ltd. Pune
 Designation : Trainee Technician
 Duration : 1 Year (2015 to 2016)
 Department : Machine Shop (As a CNC operator)

Roles & Responsibilities:-

- Operating CNC machine.
- To lead & guide the team to achieve daily manufacturing target with in quality standard.
- Manpower handling shift management.

4] **Organization :** Fiat India Automobile Pvt. Ltd. Pune
 Designation : Trainee
 Duration : 7 Months (2011 to 2012)
 Department : Assembly Line

Roles & Responsibilities:-

- Assemble Indicia Vista & Manza cars.
- To lead & guide the team to achieve daily manufacturing target.
- Shift Supervision independently handling all shift activities assembly line.

TECHNICAL KNOWLEDGE

- Casting Product & Tool design considerations.
- Geometric Dimensioning & Tolerance (GD&T) symbols.
- Knowledge about Axle assemblies and its child parts.

SOFTWARE KNOWLEDGE

- **CAD: Creo Parametric 2.0**
Modules: Part Modeling, surfacing, Assembly, Drawing, Manufacturing (Casting Mold)
- **CAD: Auto Cad.**
- **PLM: Windchill, Team center.**
- **PDM: Solid Works.**

EDUCATION

Examination/ Degree	Institute	Board / university	Year of passing	Percentage
Diploma (Mech.)	Maharashtra State Board Technical Education	Mumbai	2015	63.10%
MCVC	Govt. Technical High School Centre, Nilanga	Maharashtra State Board	2011	52.33%
SSC	Shree Shanmukheshwar Vidyalaya, Tambala	Maharashtra State Board	2009	67.69%

ACADEMIC PROJECTS

Title: Generation of electrical energy by using oscillating motion of swing.

KEY SKILLS & COMPETANCIES

- Quick Learner
- Smart Worker
- Drive for result mind set
- Team Player

PERSONAL DETAILS

- Date of Birth : 20th October 1993
- Marital Status : Single
- Languages Known : English, Hindi ,Marathi and Kannada
- Permanent Address : At/Post -Tambala, Tal. -Nilanga, Dist. - Latur, Pin- 413607
- Local Address : Mahadev Niwas, Behind Roshan Garden, Bhosari, Pune – 411039
- Hobbies : Reading News Paper, Listening Music, Travelling.

Declaration:

I hereby declare that the information provided above is true to the best of my knowledge.
Thanking you.

Place: **PUNE**

Date: / /

Sunil Surajlal Rajput