

RESUME

Name: **PURUSHOTH S**

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Profile synopsis

Bachelor **Mechanical Engineer** with **2years and 10months industrial experience** in the field of Mechanical **product packaging design and engineering service** industry. Looking for innovation and challenging work environment in product development.

Profile summary:

- Research & New Product Development SHEET METAL COMPONENTS, TOOL AND DIE.
- Sound Knowledge of **design parameters** and Manufacturing Technologies – Casting, Sheet metal, Plastic, Processes.
- Product drawing creation as per **ASME Y14.5 (2009)** and corporate standards
- 3D- Modelling of intricate casting & sheet metal parts using surfacing in **CATIA V5 (1 YEARS)**
- Capability to handle model conversion from supplier drawings.
- **BASIC GD&T Analysis**
- Laser cutting layout and sheet metal planning.
- Researching and developing ideas for new products & existing products.
- Provides design support at all stages of design & development process.
- Theoretical Knowledge **ISO** GD&T, welding engineering standards.
- Ensure design reports and SOP's preparation.

Engineering Applications:

Autocad, SolidWorks, Creo4.0, CatiaV5, Draftsight.

LASER PROGRAMMING SOFTWARE: TRUTOPS BOOST & AP100.

Professional Experience:

1. **Designation:** Material Handling & Packaging Products Design ENGINEER
(MAR-2023 TO TILL NOW)

Tonglit Autogistic Private Limited, Maraimalai Nagar.

PRODUCTS WORKED

(RACKS,PALLETS,BINS,TROLLEYS-RSR,ESR,RFR,RSB)

- Creating technical solutions including component and assembly design
- Proving feasibility with risk analysis, FMEA, virtual and physical design exploration and validation (including various prototyping methods)
- Conducting qualitative mechanical and engineering analysis including design of experiments + statistical analysis
- Maintaining focus on reducing environmental footprint of all packaging in line with the Unilever Sustainable living plan, and driving forward ideas to radically change this
- Supporting a multi-functional team with design and engineering understanding for the creation of designs that meet consumer and business needs
- Exploring feasibility with virtual and physical design exploration and validation (including various prototyping methods).

2. Designation: Design ENGINEER (FEB-2021 TO FEB-2023) 2.1years

Axicut Solutions Private Limited, Chennai.

PRODUCTS WORKED

(Manifold, Pumps, Valve Body, Case, Oil pan)

- Develop parts from physical as well as scan model.
- Experience on handling NPI packages with good quality.
- Competent in 3D modelling & 2D drafting for ground engaging tools components using
- **CATIA V5** software and applying GD&T concept based on ASME Y14.5 2009.
- Modeling detailing for SHEET METAL PARTS (BRACKETS, SUPPORT PALTES, MOUNTING CLAMPS)
- Improving the design, performance & efficiency of existing products.
- Responsible to communicate with facility project engineers, other business units and team leader for technical clarification, project progress and supplier feedback.
- Complete the documentation tasks for the projects under the guidance of team leader.
- Proficient in understanding of reading engineering prints and GD&T.
- Responsible to review engineering drawings

Educational Qualification:

**C.ABDUL HAKEEM COLLEGE OF ENGINEERING AND TECHNOLOGY,
MELVISHARAM,RANIPET**

Bachelor of Engineering in Mechanical / 2020

ST.JOSEPH MATRIC HR SEC SCHOOL,VEPPUR,RANIPET

HSLC | 2016

Personal Details:

Date of Birth	:	26-05-1999
Gender	:	Male
Marital Status	:	SINGLE
Languages known	:	English (To Speak, Read & Write) Tamil (To Speak, Read & Write)
Address	:	#223,North Street ,Pulliyankannu , RanipetDist,Tamil Nadu-632404.

Declaration:

I hereby declare that the above-mentioned statement is correct and true to the best of my knowledge

Place :

Yours Faithfully

Date :

(PURUSHOTH S)