

SARAVANA M
Design Engineer
Mobile: +91 6385706807
E-mail I'D: saravana02101999@gmail.com



Career Objectives:

- Experienced design engineer who is seeking a challenging role in your company where I can leverage my skills along with contributing the growth of the company.

Technical Skills:

- Siemens NX Unigraphics
- AutoCAD
- ANSYS (Basic level)
- Microsoft office.
- Catia (Basic level – solid modeling)
- Solidworks
- Tebis

Work Experience:

Organization: Hirotec India Private Limited, Coimbatore.

Designation: Design Engineer.

Duration: Oct 2022 to Till Now (2 years & 10 months).

Roles & Responsibilities:

- **Key responsibilities:**
 - ✓ Prepared 3D design for dies as follows.
 - **Stamping Die:** Prepared final machining 3D surface data with high quality for all the operations such as Blank Die, Draw Die, Trim and pierce die, Flange Die & Restrike Die.
 - **Hemming Die:** Prepared 3D solid data for Table top hem, Press hem, & Roller hem.
 - ✓ Prepared Solid models for BIW die components for stamping and hemming Operation from 2D drawings and also prepared detailed 2D drawings from 3D models of manufacturing parts and assemblies with GD&T in UGNX – CAD software and prepared BOM and managed in ERP.
 - ✓ Prepared 3D models which carried through both functional and machining aspects to achieve the required quality in less machining cost.
 - ✓ Prepared die modification process for surface quality improvement.
 - ✓ Compensated surface modeling for CAE analysis.

- **Other responsibilities:**

- ✓ Solved problems and queries to the teams that get input from my team.
- ✓ Mentor to the junior level engineers and clarify their doubts & Creating training plans as well.
- ✓ Managed previous records of different errors to the database for different case analysis training and also for case study purpose to avoid errors and distractions from standards in future.
- ✓ Prepared machining sequence to preventing tool from colliding.

Internship snap shot:

June 07, 2019 – June 27, 2019	- MULTIMECH ENGINEERS S.F.No.649 / 1A, Ponnengoundenpudur, Masagounden Chettipalayam, Annur Taluk, Coimbatore.
June 18, 2018 – June 23, 2018	- COVAI CASTINGS S.F.No. 879 / 1-B, 1-C, 1-D Karegoundenpalayam, Annur Block, Coimbatore.

Educational Qualifications:

Name of the course	Advanced Diploma in CAD/CAM/CAE.
Institution	Gedee Naidu Technical Training Institute, Coimbatore.
Board	Private.
Year of passing	2022

Name of the course	B.E. Mechanical Engineering.
College	Info Institute of Engineering.
University	Anna University.
Year of passing	2021.
CGPA	7.5%.

Name of the course	HSC.
School	Swami Vivekanda Matriulation hr.sec. school.
Board	State Board of Tamil Nadu.
Year of passing	2017
Percentage	66.5%.

Name of the course	SSLC
School	Alagappa Matriculation hr.sec. school
Board	State Board of Tamil Nadu.
Year of passing	2015
Percentage	92%

Final Year Project:

Design and Fabrication of Air purifier to control Pollution and Corona Virus.

Language Known:

To speak, read, and write: Tamil and English.

Area of Interest:

- ✓ Product design.
 - ✓ Research and development.
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Other Personal details:

Father name	Muralidharan
Date of Birth	02/10/1999
Marital status	single
Height	175 cm
Weight	63 kg
Blood group	O POSITIVE.
Address	136, Raghavendra garden, Segalipalayam, Idigarai post, Coimbatore – 641022.

Declaration:

I, Saravana M, hereby declare that the details mentioned above are true and fair to the best of my knowledge and understanding.

Date:

Place:

SARAVANA M