
THARIK ALI. A

CONTACT

Citizenship : Indian
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S/O Mr. Amanulla S
3E, Mandhralaya Gardan,
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- 641022,

SUMMARY

- BE Mechanical Engineering & DME with 6 years of experience in Product design, development and Manufacturing.
- Design and development for products such as,
- Oil pump assembly for major export two wheeler customers.
 - Jigs, Fixtures, Gauges & Tools design.
- Manufacturing of products such as,
 - Valve components, pump components & valve fitting.
 - Pumps and electric motors for applications in agricultural, domestic and industrial sectors.
- Hands on experience in 3D cad model and 2D drawing using Creo-4.0, Solid works & Auto CAD 2017.
- Experience in design calculations, DFMEA, GD&T and Stack up Analysis.
- Designed, proto-typed, documented assembly procedures for all products

SKILL AREA

- Good knowledge in Creo, Solid works, AutoCAD & PLM
- Good knowledge in 3D solid, surface modeling, preparing Detail drawings for Casting feasibility & mould Concept, Assembly of Components and Creating Bill of Materials.
- Good knowledge in calculations for components and assemblies involving forces and loads, DFMEA, DFM, DFA.
- Good knowledge in GD&T & stack-up calculation.
- Good knowledge machining process of all Tool Room Machines including Conventional & CNC.
- Good working knowledge in MS office packages (word, excel, power point, etc.)

KEY ACHIEVEMENTS

- Successfully developed tool and fixture for machining process and reduced cycle time.
- Developing four Ge-rotor Oil pump assy. for Polaris – USA
- Design and modify HMC fixture, reduced cycle time 50% to implementing the pump housing.
- Design and developed the new type indexing tailstock and subjected to various Quality and cyclic test.
- Awarded as “NSS Best Camper” in B.E for the year 2012.

Current Employer : Mont Bleu – Coimbatore. **(Deputed in Pricol Corporate services – Plant 3)**

Designation : Senior Design Engineer

Duration : July 2018 to till date (1 Year & 2 Months)

Job description:

- **Product Engineer** - Work with a team to develop, qualify, and implement new products.
- Provide sustaining engineering support for designs that include components made by die casting, injection molding and machining.
- Working in two wheeler oil pump like aluminum body (casing), control shaft, ge-rotors & sprocket etc.
- Develop 3D CAD models and 2D fabrication drawings.
- Maintain and update a database for the CAD design documentation, PDM etc.
- Drawing updating and revision control.

Previous Employer : M/s. SIVA SHAKTHI PRECISION TOOLS.

Designation : New product development Engineer.

Duration : July 2015 to June 2018 (3 Years)

Job description:

- Involved in the design, drafting and fabrication of various jigs and fixtures for the fabrication of motor, valve body, automobile, gears, textile components for VMC, HMC, VTL, TURNING CENTER machines, It includes design and fabrication of Main assembly jigs, Sub assembly jigs, welding fixtures, Drill jigs.
- Design jigs and fixtures from concepts including material selection.
- Preparing the product stage level drawings using CREO & AutoCAD.
- Apply techniques to specific shop problems and work time reduction.
- Analysis the product Performance to find out the problem.
- Register customer complaints and communicate the severity and impact of the customer complaint.
- Capable to coordinating with the team members and also sharing knowledge with individuals to achieve a goal.

Previous Employer : BALAJI MACHINE TOOLS PVT LTD, Coimbatore.

Designation : CAD Engineer.

Duration : July 2013 to June 2014 (1 year)

Job description:

- Read technical drawings and set up the machines in accordance with these blueprints.
- Using Auto CAD for Machine cutting point.
- Using pro-E software for making gauges & fixtures for production.
- Apply techniques to specific shop problems and work time reduction.
- Ensure the Quality of the existing product for Productions.
- Consider tools required to cut particular machines accordingly materials and program.

Previous Employer : TEXMO INDUSTRIES, Coimbatore.

Designation : Technical Trainee

Duration : November 2009 to May 2010 (1 year)

Job description:

- I have started my career as a technical Trainee, operating, setting & programming in CNC turning center, VMC machines and gained knowledge in rotary section.
- 5S Implementing & follow, carrying out quality inspections on jobs.
- Carrying out routine scheduled maintenance work and responding to equipment faults.

EDUCATIONAL QUALIFICATIONS

Course	Institution	Board / University	Year of Passing	Percentage
BE-Mechanical Engineering	PPG Institute of Engineering, Coimbatore	Anna University	2010 - 2013	7.4 CGPA
Diploma in Mechanical Engineering	Sri Ramakrishna Polytechnic, Coimbatore	DOTe	2006 - 2009	83
SSLC	higher secondary School Asokapuram, Coimbatore	State Board	2004 - 2005	60

LANGUAGES KNOWN

- Tamil & English(Read, write and speak)

PERSONAL INFORMATION

- Passport number : R4428754
- Marital status : Unmarried

DECLARATION

I do hereby confirm that the information furnished above is true to the best of my knowledge and belief.

Date: -

Yours faithfully,

Place: -

Tharik Ali A