

Resume



NAME:-SAHIL ALI MALIK

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Objective:-

Seeking new and challenging opportunities to apply my skills to solve problems and learn. 1 years of overall experience. 1+ years of experience in design engineering along with production and other client facing roles. Have worked in various departments like design, production and New Product development.

Summary:-

- Technical Drafting and CAD
- Engineering Design
- Product Design fundamentals.
- Proficient at modeling and detailed drawings using SOLIDWORKS and CATIA V5.
- New Product Design and Development.
- Experience in GD & T along with manufacturing drawings.
- Creating machining concepts and machining details.
- Comprehensive understanding of engineering and design principles.
- Abilities in creating, reading, interpreting engineering drawings with proficiency in designing and developing new products in conformance to pre-defined technical specifications.

Experience:-

Organization: HYDAX Hydraulics Pvt. Ltd, Bangalore – INDIA.

Duration: April 2021-Present.

Designation: Mechanical Design Engineer.

Responsibilities:

- Design of machining fixtures and fixturing concepts.
- Converting customer legacy drawings from 2D to 3D and vice-versa.
- Updated the project design changes to the projects team and the customer.
- Creation of manufacturing drawings for the customer and supplier.
- BOM Creation. Creation of drawings as per DFMA.
- Project cost calculation.
- Dimensional Quality checks of the final product as per production drawing.

Additional responsibilities:

- Sourcing external solution providers and suppliers to work on the project.
- Preparation of Project proposals.
- Monitoring the project progress internally and updating the customer on finished tasks.
- Customer visits, interaction and technical presentation to customer.
- Creation of purchase order for materials and services on TCS iON unit.

Courses:-

Organization: Technologics Global Pvt. Ltd, Bangalore – INDIA.

Duration: January 2021-March 2021. (3 months)

Mechanical Design Course.

- SOLIDWORKS
- CATIA V5
- Mastercam

Internship:-

Organization: DeltaT MEP Technical Academy, Bangalore – INDIA.

Duration: February 2020-March 2020. (1 month)

Heat Ventilation and Air conditioning.

Academic Details:-

Degree/Course	Institution	Year of Passing	Percentage/Grade
B.E in Mechanical Engineering	Visveswaraiah Technological University	2020	8.1/10
10+2 (Science)	The Jammu and Kashmir Board of School Education	2015	65%
10th	The Jammu and Kashmir Board of School Education	2013	76.2%

Project Details:-

Title	Design and development of Solar Hybrid Bicycle.
Description	A hybrid bicycle is a bicycle which runs using the electrical energy of battery to run the hubmotor which ultimately runs the bicycle. Utilizing solar energy to charge the battery and combining this concept with the concept of electricity generation pedaling is a concept on which this bicycle works. Main aim of this project is to develop an alternative to fueled automobiles, so that we can conserve over natural resources.
Duration	6-Months
Role	Team Leader
Team Size	4

Software Skills:-

- SOLIDWORKS
- CATIA V5
- Mastercam
- AutoCad 2D
- TCS iON
- Microsoft Office
- ANSYS (Intermediate)

Core Strengths:-

- Measuring tools
- Technical Drafting and CAD
- GD&T (Geometric Dimensioning and Tolerancing)
- Customer/ Vendor Management
- Project Management and Leadership skills
- DFMA – Design For Manufacture and Assembly

Other Skills:-

- Quick learner
- Good Analytical skills
- Initiator and passionate about working
- Team work and clear communication
- Commercial awareness

Declaration:-

All the information mentioned in the resume are correct to the best of my knowledge and believe.

Date:- 01/01/2022

Place:- Bangalore, India.