

PROFESSIONAL PROFILE

A dynamic professional with 3 years and 6th month of competitive experience in design and development including product design, mould design and basics of machine design. Expertise in rapid prototyping and reverse engineering. Diversified skill set covering various manufacturing technology, engineering principle, new product development. Strong work ethics with excellent communication and interpersonal skills, possessing a good team spirit and deadline oriented.

Keen to find a challenging & suitable engineering position with a ambitious company that offers opportunities for carrer development and advancement.

QUALIFICATION

2010	ELEMENTRY SCHOOL BOARD : G.S.H.S.E.B. PERCENTAGE : 82.92
2012	HIGH SCHOOL BOARD : G.S.H.S.E.B. PERCENTAGE : 72.62
2016	GRADUATION Bachelor of Science in Mechanical Engineer UNIVERSITY : GTU CGPA : 7.97 CPI : 7.06

WORK EXPERIENCE

RMP BEARINGS LIMITED (JUNE. 2016 TO PRESENT)

- Evaluate and demonstrate manufacturing feasibility and technical justification for design approach.
- Communicate with the customer for new RFQ and handle the internal audit.
- To make an assembly layout, 3D modeling, engineering drawing with technical specification and bill of material.
- Broad experience of sheet metal and plastic component design.
- Experience of developing products, zigs & fixture, gauges, machine tools and material handling equipment.
- preparing all related document of the product like (APQP,PPAP,IPC,SPC, Control plan, FMEA And DFMEA).
- Confirming the Compliance with Dosing standard
- deal with new product and new concept and taking care of all major & minor parameters.
- Tooling design of complex sheet metal components.
- Heavily involved in quality checking of each and every new development p
- Calculate an estimated cost for new projects and offer competitive quote to the customer.
- Identify the special product and process characteristics (SPPC) as per
- manufacturing process and product applications.
- Maintain engineering change note (ECN) for revised drawing.
- Carry out all project design and development activity as per APQP and TS 16949 guidelines.
- Knowledge of different engineering standards, 4M change management, 5S, Six Sigma, 7QC & 8D.
- Benchmarking of new product and make benchmark report with rough layout and all technical information.
- Convarting forged and casting components into sheet metal to optimize weight and improve productivity.arts.
- Overseeing the mechanical design phase from concept through the production
- Collaborating with a senior mechanical engineering on a large scale project.

PERSONAL INFO.

DATE OF BIRTH
22 JULY 1995

SEX
MALE

ADDRESS
MEHTANI KHADU, JILLANI CHOWK,
RANPUR - 382245
DIST. - BOTAD

MARITAL STATUS
SINGLE

HOBBIES
DESIGNING & CREATIVITY

LANGUAGES KNOWN
ENGLISH
HINDI
GUJARATI

KEY SKILL.

<div><div></div>PTC Creo 6.0</div>	<div></div>
<div><div></div>Solid Works</div>	<div></div>
<div><div></div>AutoCAD</div>	<div></div>
<div><div></div>Ansys Workbench</div>	<div></div>
<div><div></div>Mesys AG</div>	<div></div>
<div><div></div>Microsoft Office</div>	<div></div>



Calculation & Analysis

- Static and dynamic load ratings according to ISO 76 & 281.
- Tolerance stack-up analysis
- Life calculation, internal clearance and to find pre load using MESYS AG.
- To make the calculation sheet in MS Excel.
- Static and dynamic stress analysis.
- To calculate limiting speed and To make a grouping charts
- Life calculation, internal clearance and to find pre load using MESYS AG.

CORE COMPETENCIES

SOFTWARE SKILL

PTC Creo 6.0
Solid Works
AutoCAD
Autodesk Inventor
Ansys Workbench
Mesys AG
Microsoft Office

ENGINEERING TOOLS

DFMEA
FMEA
GD & T
APQP
PPAP
Tolerance Stackup
Engineering Calculation
Reverse Engineering
Engineering Change Manegement

RESEARCH & DESIGN STRENGTH

Design, Analysis and Validation
Special Product & Process Characterist
Efficiency Improvement
ASME and ISO Standard
Assessment and Implementation
Manufacturing Requirement/Specification
Manufacturing Processes
Testing and Quality Assurance

SKILLS & CAPABILITIES

- Result oriented & Self motivated
- Stamina & Adaptability
- Strategic leadership
- Strong technical, communicational and interpersonal capabilities
- Learns new consepts quickly and autonomously
- Searches out the best practices with contineous improve mindset
- Ability to handle multiple projects, high volume activity and establish priorities in changing environment

PROJECT UNDERTAKEN

- Designed and developed of concentric slave cylinder bearing.
- Undertaken the design and development of the unitized taper roller bearing for the wheel hub unit.
- Successfully designed, developed and validate the one way clutch for the three wheeler vehicle.
- Differnt types of clutch release bearings for passenger car, heavy, medium and lite commercial vihicale
- Ball bearings for gear box and center support appication.
- Design of cylindrical roller bearing, needle roller bearing and thrust bearing.
- Successfully designed, developed Bush And Needle Bearings.
- Complex design of yoke.
- Design and developement of different types of races And developement of Thrust Bearings.

DECLARATION

I hereby declare that the above mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

