

# CURRICULUM VITAE

## NISHANT RATHORE

Mobile: 8219466923

E-mail: [nishantrathore002@gmail.com](mailto:nishantrathore002@gmail.com)

### Career Objectives:-

Always achieve new goals with doing hard work, look towards the attainment of new achievements with dedication and perseverance and always look for the new horizons in life.

### Professional Qualifications:-

- **M.Tech in Design from Kalinga University**
- **B.Tech in Mechanical Engineering IITT College of Engineering and (2008-2012) under (Himachal Pradesh University).**
- **One-year integrated course in CAD/CAM from GNA-IMT Phagwara.**
  - This course includes following Design and Manufacturing software:
    1. CATIA (CAD)
    2. CREO 2.0 (CAD)
    3. NX 8.5 (CAM)
    4. AutoCAD

### Key skills

- Having a hand on experience in CAD Design Software like Solid Works, CatiaV5R12, Creo 2.0, NX CAM, AutoCAD & Cad Mate.
- Thorough knowledge of Two Dimensional & Three Dimensional Linear Height gauges.
- Knowledge of floor shop instrumentations like Vernier Caliper, Micrometer, Bevel Protector, Sine Bars, Tripods.
- Knowledge of Surface Roughness Tester as per Customer requirement i.e. either micro inches or micrometers & Root mean Square (RMS) parameter.
- Hand on experience on Coordinate Measuring Machine (CMM) Accurate made Support of Virtual DMIS Software and Zeiss Contoura Vast XT Support of Calypso software.
- Give Development approval on Contour Graph Machine.
- Knowledge of Air Gauges made by Baker.
- Knowledge of Plunger Dial Indicator .

## Professional Experience:-

Having a Total experience of 8 years and currently working in Cad Design of automotive industry and working as Design Engineer in **IBCC Manufacturing Industries** situated at Ahmedabad (Gujrat).

**Designation: Sr. Design Engineer (DEVELOPMENT & Process)**

**Period – March 2020 to till date.**

It's a U.S. owned, and China based, IBCC Manufacturing Industries is contract manufacturing company.

### **Role & Responsibilities**

- Working on CAD Software's for the creation of Process related tasks like Process control Plan.
- Use Specialized Software to create model and drawing of products.
- Feasibility of Design whether the Design will work and be Cost Effective.
- Improving existing Products and Process from customers feedbacks.
- Manage all phase of the design process for a multitude of product, component parts, assemblies and subassemblies, including drafting, dimensioning, tolerancing.
- Detail engineering design which include plastic, rubber, Sheetmetal, Machining, casting, extrusion components.
- Analyze competitive products, determine appropriate manufacturing and testing processes.
- Define the product functional analysis (based on standard) to translate customer specifications and internal requirements into clear product performance criteria.
- Verified the material requirement of the Customer choice proposed is able to meet mechanical performance requirements.
- Review documentation packages and test reports of product prior to release, determined product performance, assisted in preparing technical manuals and oversaw inspection of first run articles.
- Interfacing with internal and external clients to deliver updates, design recommendations and analysis results.
- Undertake continuous training and development.
- Perform root cause analysis and resolve problems.

## PREVIOUS ORGANISATIONAL EXPERIENCE

<b>2) Organization</b>	:	<b>PRITIKA AUTOCAST LTD.</b>
Location	:	Bathri
Tenure	:	Dec 2014 to March 2020
Designation	:	Quality Engineer
Department	:	Quality Assurance

### **Company Profile:**

PRITIKA AUTOCAST LTD. started in 1974 a renowned organization in Tractor & Automotive industry providing excellence in field of precision machined components out of casting, forging & bar stock.

### **Job Responsibilities**

- Calibration of Jig & Fixtures and Gauges of Machining and Foundry Shops. KS
- Working on Solid works to made process related drawings in development parts.
- Interacting with customers on regular basis to identified quality related issue & promptly trouble shooting the same through corrective /preventive action.
- Involvement in In-house Process Audit & Product Audit.
- Daily NCP (Non-Confirming Product) review with CFT.
- To analyses the root cause of rejection by 7 QC tools and takes corrective and preventive action for elimination of reason of rejection.
- Layout of machining Components according to monthly layout plan.
- Daily Work Management Rejection Meeting, Action Plan Monitoring.
- Preparation of Monthly Quality Reports.
- On Job Training given to operator about Importance of Quality, Customer complaints, Line quality issues, Machining Quality, Product Training, and Gauging etc.
- Data analyzing.
- Energetic approach towards work & ready to accept new technical or even physical challenges.
- Error elimination of Plunger Dial Indicator with Repair.

- Handle Digital Quality Management System for Tractor & Farm Equipment(TAFE). Submission of online reports on Tablets without delay in process.

3)      **Organization**        :        GNA-IMT  
          **Location**            :        Phagwara  
          **Tenure**                :        JULY 2013 TO AUG 2014  
          **Designation**        :        Instructor  
          **Department**        :        CAD/CAM

### **JOB RESPONSIBILITIES:**

Handle CREO 2.0 and CATIA classes for 2D & 3D design, sketch, part modelling, assembly and working mechanism modules.

In manufacturing module, done core and cavity development.

Also handle NX- CAM manufacturing module classes in CAM session.

Worked on AutoCAD software for two-dimensional mechanical drawing.

### **TRAINING EXPERIENCE:-**

- One month industrial training at **GNA DURAPARTS L.T.D**, Mehtiana (Pb)
- One month training a **Pritika Auto cast Private Limited**, Bathri.
- 6 week training at **National Fertilizer Limited** Naya Nangal (Pb).
- 6 week Training at **Bhakra Beas Management Board (BBMB)** Nangal

**Personal Profile: -**

- **Father's Name** : Sh. Hem Raj
- **Mother's Name** : Smt. Rajnish
- **Date of Birth** : 06<sup>th</sup> July 1990
- **Marital Status** : Unmarried
- **Nationality** : Indian
- **Language Known** : Hindi, English

**DECLARATION:**

I consider myself familiar with Mechanical Engineering aspects. I am also confident of my ability to work in a team. I hereby declare that the information furnished above is true to the best of my knowledge.

**Date :**

Nishant