

## **NAVEEN KUMAR**

### **Present Address**

S-371(B), Shivalik Nagar, BHEL  
Haridwar, Uttarakhand, 249403

Mobile No. 8171290599  
Email-ID- [navkum207@gmail.com](mailto:navkum207@gmail.com)

To be a part of an organization where I can put my efforts & developed situations which satisfy company growth as well as individual growth too.

### **Career Preview**

Mechanical Design Engineer having 4+ years of experience providing technical design direction on hardware, mechanical products and machine parts.

Proficient at creating detailed mechanical drawings for piece parts and assemblies from Catia/NX models.

Adept in maximizing form, fit and function through meticulous design model evaluation.

Backed by advanced skills in DFM best practices and numerous CAD/CAE/CAM tools, ERP systems and database/data-storage programs.

### **Areas of Expertise**

- \* Design & Development System
- \* Catia V5, UGNX-10, Solidworks, AutoCAD
- \* Understanding of Machine Dynamics
- \* Solid & Parametric Modelling, Drafting, Surfacing, Sheet metal
- \* Design for Manufacturability (DFM)
- \* Geometric Dimensioning & Tolerance (GD&T)

### **Career Highlights**

#### **1. Avadh Rail Infra Ltd.**

Haridwar, Uttarakhand  
Designation: Design Engineer  
Duration: 02 Year (From August 2020 & working)

#### **Projects & Results:**

Gained diverse mechanical design experience spanning sheet metal design, Injection molding design, fastening design, corrosion control & ferrous and aluminum casting design.

### **Job Responsibilities**

1. Thinking of Possible design solutions.
2. Research the design work to be cost-effective
3. Using CAD/ CAE Software to create the prototypes
4. Modifying Designs accordingly.
5. Managing regular progress reports and presenting them to Project Managers & Clients
6. Performed Modelling and Drafting of Machine, Surfacing & Sheet Metal Components
7. Created conceptual design as per customer's requirement

8. Maintained close contact with Customer Product Engineer to assure that the design meets the latest product specifications or other requirements
9. worked with team members on various Projects as Design support and ensured completion within specified deadlines
10. Released drawings and maintained version control on all engineering documents.
11. designed Surfacing as well as sheet metal parts, Modeling and Drafting of Machine Components as per standards and necessary verification and validation
12. Support and Assists New Product Design & Development as per customer requirements using 3D-Tools
13. Maintaining regular contact with the related Project Product Engineer to assure that the design meets latest product specifications and requirements
14. Working on Engineering Change Request (ECR), Engineering Change Number (ECN)
15. Designing the product considering various aspects as design for manufacturability, design for assembly & weight reduction
16. Updating the Design/product concept as per market, competitor trends and customer expectations
17. Analyzing product issues & ensuring corrective actions for delivery of high-quality product

## **2. EMDET Jamshedpur Private Limited**

Faridabad, Haryana

Designation: Design &  
Development Engineer

Duration: 2+ Years (From April'2018 to June 2020)

### **Projects & Results:**

- Access on part modelling, surfacing & sheet metal design at Catia V5 for making any of the work related to the Project.
- Managed all phases of the design process for a multitude of products, components, parts, assemblies and subassemblies, including drafting, dimensioning, tolerance, prototyping and documenting results.
- Commended for strengths in defining, assessing and satisfying complex product functional specifications and manufacturability concerns.
- Designed innovative component/module replacements for existing machinery that improved functioning.
- Became the go-to expert on evaluating design models for ISO, DFM and form-fit-function compliance.

### **Job Responsibilities**

- Performed Drafting & Modelling of metal components using CAD/CAE softwares
- Creating assembly & part drawings as per customer requirement on softwares
- Verifying all designs from customer and release the design for feasibility of proto samples
- Performing Design for manufacturability, design for assembly & cost reduction
- Assisting in proto making activities
- Assist to maintain ECN & PCN documents
- Manage documents for the development parts like SPC, MSA, PPAP, Tool Validation Report, proto trial reports, etc.
- Maintain 5S in Design & Development Department and manage reports accordingly

### **Professional Qualifications**

Course	University / School	Year	Percentage
B. Tech	G.L. Bajaj Group of Institutions, Mathura	2012-16	64
12th	Govt. Hr. Sec. School Kalaktang, Arunachal Pradesh	2011	61

### **Training and Technical Proficiency Industrial Training:**

- 4 weeks Summer Training at Technico Pvt. Ltd. in June 2015.

### **Personal Vitae: -**

**Attitude:** Positive, Learning, Respectable and Goal Achieving, welcomes suggestions.

Father's Name : Shri. Brij Kishore Singh  
Date of Birth : 10<sup>th</sup> July 1994  
Marital Status : Unmarried  
Language Known : Hindi, English, Bhojpuri  
Permanent Address : S-371, Shivalik Nagar  
Near Prashant Grand Hotel, Haridwar  
249403

I hereby declare that the particulars mentioned above are true to the best of my knowledge and belief.

**Date:**

**Place: -**

(Naveen)