

# KRISHNA PRASAD

Design Engineering | New Product Development and Introduction (NPD and NPI) | Quality Engineer

<Date>

<Name>

<Designation>

<Company Name>

<Address>

<City, State>

Sub: <Position applied for>

Dear Sir/Madam,

This is with reference to your advertisement for the subject position that I am prompted to propose my candidature.

Prosperity of a company may definitely be defined in terms of its smooth production and meticulous planning. This throws up the need of specialized technocrats with capability to integrate these two vital activities generating a profitable proposition for the company. At this stage I find myself to be groomed enough to look outward and explore the possibility of placement at a suitable professional position with higher responsibilities.

Academically astute, with proven track record for excellence, resourcefulness, and initiative and dynamic leadership, successfully executed key positions of multifarious nature and capacities during long stint of career. Being a focused, motivated and goal-oriented professional, I have consistently proven my ability to handle operational and strategic levels of multiple responsibilities in crisis and pressure, while operating under rigorous deadlines. Possess experience in New Product Development, Project Management, Design Engineering, Client Management, Process Engineering & Improvement, Quality Assurance, Cost Optimization, Resource and Man Management.

With an innate sense of task prioritization, attitude towards accelerating organizational growth and that too in a high pressured, time bound and competitive environment, I reckon that my grooming level is apt to look outward for a challenging senior level position and high level of professional loyalty, integrity and maturity.

A glance through my resume, attached along, shall familiarize you with my credentials. I am confident of fitting in the slot as well as in the team. However, should you desire personal interaction; I may be called upon where the possibility of our association could be explored further.

Sincerely,



# KRISHNA PRASAD

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## CONTACT

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orders@resumewriterindia.in

## SKILLS PORTFOLIO

- Strategic Thinking and Planning
- Project Planning and Management
- Technology Management
- Product Design and Development
- Value Addition and Engineering
- Application / Re-Engineering
- Cost Analysis
- Process Improvement
- 3D-FEM / FMEA Analysis
- Vendor Development
- Manufacturing Support
- Technical Documentation
- System Implementation
- Team Management
- Talent Management
- Revenue Generation

## ACADEMICS

2014

Bachelor of Engineering in Mechanical Engineering | Hindustan College of Engineering and Technology, Anna University, Coimbatore

2009

Diploma in Robotics | C.S.I Polytechnic College, Department of Technical Education, Salem

## PROFILE SUMMARY

- Competent and result-oriented Mechanical Engineer with in-depth knowledge and functional experience of 6+ years in Designing, Re-Designing, Modeling, Detailing and Assembly for Automotive and Compressor products, jigs and fixtures and mould manufacturing
- Currently working as Design Engineer with Smile Technologies
- Enriched with experience in New Product Development and New Product Introduction as well as value engineering projects; skilled in product development and manufacturing; adept at managing design engineering operations involving design and development, developing detailed drawing for prototype and production
- Adept at designing tools and methods to enhance productivity with expertise in designing quality tools, developing tools standards, testing equipment, analyzing geometric design and tolerance (GD&T), assembling tools and reviewing manufacturing processes; sound knowledge of
- 2-D and 3-D design as well as the concepts and applications of mechanical engineering
- Well versed in DFMEA, PFMEA, DFM, DFA, DFMA and Tolerance Stack-Up and Analysis with good knowledge of ASME standards
- Demonstrated ability in process design, process documentation, fixture design, basic knowledge of pneumatics, CMM checking, data generation and tryout experience of both functional and quality proving of fixtures
- Strong leadership traits with excellent ability to coordinate with different people at one time under difficult situations while creating a healthy and friendly work environment, thus enhancing operational efficiency and optimizing resource utilization
- Products: Intermediate Shafts, Drive Train, Brake components and Steering Columns

## WORK EXPERIENCE

Since July 2019

Design Engineer | xxx | (Client: RSM Autokast Ltd.)

Feb 2017 – June 2019

Design and Quality Engineer | xxx

Jan 2015 – Feb 2017

Quality Inspector | xxx, Coimbatore

### Program / Project Management:

Prepare technical specifications, scope, estimates and BOM based on customer requirements and project schedule while suggesting new ideas; preparing project plans and technical specifications for smooth project execution in time / cost parameters. Prepare technical specifications, scope, estimates and BOM based on customer requirements and project schedule while suggesting new ideas; preparing project plans and technical specifications for smooth project execution in time / cost parameters.

### **Design Engineering / Development:**

- Create layouts, designs and drawings and conducting analysis to identify any weaknesses and make relevant modifications in the same.
- Coordinate with product development including requirement analysis, finalizing specifications, prototype development and testing; providing technical inputs and engineering support from conception to completion stage.
- Extend Solid Models, Assemblies, Casting / Forging / Injection Moulding / Sheet metal parts using Solidworks and DFMEA Analysis; getting approvals for prototype, making modifications and releasing same for commercial production.
- Modelling parts for the creation and validation of 3D design, 2D component and installation Drawings, Full 3d or Model Based Drawings.

### **Vehicle Engineering Projects:**

Manage end to end product development projects involving planning, design execution, development, product / component costing, cross-functional coordination, testing and release for production phases.

### **Quality Management:**

Deftly carrying out design calculations as per ASME and API standards for critical execution order or development activity, also, ensuring strict adherence to service and quality benchmarks. Analyze statistical data and product specifications to determine standards and establish quality and reliability objectives of finished product

### **Process Enhancement:**

- Conduct root cause analysis of problems during production review related of auto components and removing all the bottlenecks for smooth flow of production
- Eliminate redundant processes involved in the design, development processes and working towards value-addition
- Implement Kaizen and value engineering initiatives to achieve standardization and reduce costs

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## **TANGIBLE IMPACT**

**2019:** Distinction of developing a fixture for mass production in VMC resulting in a reduction in production lead time

**2016:** Recognised for Best Kaizen for implementing Bin System (identification of rejection / rework components) leading to cost / time saving

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## **SOFTWARE PROFICIENCY**

AutoCAD | Solid Works | Creo | Unigraphics NX | Catia | Microsoft Office – Word, Excel, Power Point and Publisher

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## **PAPER SUBMISSIONS / WORKSHOPS**

- On Automobiles explaining the working and need of certain features in a LMV
- Advanced Technologies in modern Automobiles for safety and luxurious travel
- Workshop on Product Development Strategies using Rapid Prototyping, Rapid Tooling and Reverse Engineering Conducted by PSG TIFAC
- Attended a Control System Workshop by Lema Labs at SRM University