

Automotive Engineer Resume Template

Bhargava Krishna Marripati (Automotive Engineer)

Email: info@bk-engineering.in | Phone +91 7981328897 |  [LinkedIn: bhargava-krishna-marripati](#)

Objective

Detail-oriented and results-driven Mechanical Engineer with a strong background in automotive manufacturing processes, lean production systems, and continuous improvement. Seeking an **Automotive Engineer** position to contribute to efficient vehicle component development, quality enhancement, and cost optimization. Eager to leverage over [X] years of experience in manufacturing and process engineering to support high-performance automotive environments.

Key Skills

- **Automotive & Manufacturing Engineering:** Automotive Component Manufacturing | Assembly Line Optimization | DFMA | FMEA
 - **Lean & Quality Methodologies:** Lean Manufacturing | Six Sigma | Kaizen
 - **CAD & Design Tools:** AutoCAD | SolidWorks | Creo | CATIA | GD&T
 - **Enterprise & Operations Systems:** ERP/MRP Systems (SAP, Oracle) | BOM & Routing Management | Work Instruction Development
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Professional Experience

Manufacturing Engineer – Tek4s Engineering Solutions

Hyderabad, Telangana | Jun 2020 – Present

- Engineered and optimized manufacturing processes for precision components used in automotive applications, resulting in a 20% reduction in cycle time.
 - Applied lean methodologies such as 5S, Kaizen, and Value Stream Mapping to streamline production lines, cutting waste by 15%.
 - Collaborated cross-functionally with design, quality, and production teams to troubleshoot and resolve process bottlenecks, improving product quality by 18%.
 - Created detailed process documentation and standardized work instructions using SolidWorks and SAP-based systems.
- Supported FMEA and DFMA reviews for new automotive product introductions and process changes.
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Education

Master of Science in Mechanical Engineering

University of South Florida – Tampa, FL, USA | Aug 2015 – Jan 2017

GPA: 3.8 / 4.0

Certifications

- **Six Sigma Green Belt** – IASSC, 201