

Pruthviraj Jadhav

Mechanical Engineer — Production Engineer

Rane Nagar, Nashik, Maharashtra

Email: pruthviraj.b14@gmail.com

Contact: +91 7020178387

Profile Summary

Motivated Mechanical Engineer with hands-on experience in production planning, shop-floor operations, and team leadership. Currently working as a Production Engineer at CG Power & Industrial Solutions Ltd. Skilled in SAP PP module, SOP development, lean manufacturing practices, and cross-functional coordination. Strong foundation in mechanical design, manufacturing processes, and quality standards.

Technical Skills

Design & Analysis Tools: AutoCAD (2D), SolidWorks (3D Modeling)

Manufacturing & Planning: Production Planning, SOPs, Fixtures, Process Sequencing

ERP Tools: SAP (Production Planning Module)

Productivity Tools: MS Excel, MS Office, Outlook

Practices: 5S, Lean Manufacturing, Continuous Improvement, Safety, EHS

Soft Skills: Communication, Leadership, Teamwork, Decision Making

Professional Experience

Production Engineer

CG Power & Industrial Solution Ltd

August 2024 – Present

- Supervise shift operations of the assigned value stream, ensuring smooth production flow and achievement of daily and monthly operational targets.
- Manage & guide shop-floor associates to ensure efficient value creation, productivity, and adherence to standard operating procedures.
- Ensure strict conformance to safety guidelines, quality standards, and shop-floor practices, including proper PPE usage and 5S implementation.
- Mentor and coach entry-level associates, providing on-the-job training to enhance technical skills, process understanding, and discipline.
- Plan and monitor production schedules, manpower utilization, and material availability to meet delivery commitments.
- Implement and sustain standard work, SOPs, and process controls to minimize deviations and improve operational efficiency.
- Identify process, quality, and production deviations; support root cause analysis and implement corrective and preventive actions.
- Coordinate with cross-functional teams (Quality, Maintenance, Stores, Planning, and Purchase) to resolve shop-floor issues and ensure uninterrupted operations.
- Maintain shop-floor discipline and industrial relations by ensuring compliance with company policies, attendance norms, and work standards.
- Drive continuous improvement initiatives through lean manufacturing practices, waste reduction, and productivity improvement activities.
- Utilize SAP PP module and MS Excel for production tracking, reporting, and performance analysis.
- Ensure accurate daily production reporting and communication of shift performance to management.

Intern

JBM Auto Group Pvt. Ltd.

February 2023 – March 2023

- Gained exposure to automotive manufacturing operations and shop-floor working environment.
- Supported production activities in torsion beam assembly and welding processes (manual and automated).
- Observed production planning, quality control, safety practices, and shop-floor discipline.

Projects

Design and Manufacturing of Entry System for Disabled People in Trains

2023 – 2024

- Designed a safe and user-friendly entry system to assist disabled passengers in boarding trains.
- Used CAD tools for design and conducted testing for reliability and ease of operation.

Breakdown Assistant – Bike Dolly

2020 – 2021

- Designed a bike dolly to transport vehicles during rear wheel or tyre failure.
- Eliminated the need for a spare tyre and reduced dependency on immediate roadside assistance.

Education

Bachelor of Engineering (Mechanical Engineering)

K. K. Wagh Institute of Engineering Education & Research, Nashik

June 2021 – May 2024 **CGPA: 7.70**

Diploma in Mechanical Engineering

Guru Gobind Singh Polytechnic, Nashik

June 2018 – May 2021 **Percentage: 93.13%**

SSC

Jaju Vidyalaya, Nashik

June 2017 – May 2018 **Percentage: 82.60%**

Languages

English

Marathi

Hindi