

PRASHANT SHELAR

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Professional Profile

Senior Industrial Engineer and Program / Project Management professional with over **15 years of experience** in automotive and manufacturing industries. Expertise in greenfield projects, plant engineering, NPD, APQP/PPAP, SAP-MM, supplier development, and capital project execution. Proven track record in cross-functional leadership, cost optimization, and delivery of complex programs aligned with customer and business objectives.

Core Competencies

Project & Program Management
APQP, PPAP, PFMEA, Control Plan
SAP-MM & ERP Implementation
Supplier & Vendor Development
Team Leadership & KPI Monitoring

Greenfield & Plant Engineering
Product & Process Development (NPD)
Capital Equipment Procurement
Cost Reduction & P&L Management
CAD: AutoCAD, Pro-E, Cimatron

Professional Experience

Linamar India Pvt. Ltd., Dewas

Industrial Engineer – Program Manager (Projects & Development)

Dec 2020 – Present

Responsibilities

- End-to-end execution of greenfield and new development programs.
- Project scheduling aligned with customer milestones and internal gateways.
- RFQ cost estimation, CEW preparation, and business development support.
- Process Review Board and Financial Review Board presentations for approvals.
- Monitoring project baseline through PPAR and corrective actions.
- Customer and internal APQP reviews; PPAP, SOP, and prototype planning.
- Supplier assessment, capital procurement, SAP-MM execution.
- Budget tracking, P&L control, and leadership of 12+ member teams.

Raj Erectors

Senior Project Manager

May 2020 – Nov 2020

- Managed estimation, quotation, planning, and execution of multiple projects.
- Resource and material planning with milestone-based tracking.
- Customer site reviews, layout designing, and relationship management.
- Team leadership (15 members), cost optimization, P&L monitoring.
- Supplier development and store management.

Linamar India Pvt. Ltd. / Jaya Hind Montupet Pvt. Ltd., Dewas

Senior Engineer – Projects & Engineering

Sep 2015 – Apr 2020

Responsibilities

- Plant development with new machines, processes, and product lines.

- Engineering design, change management, and productivity improvement.
- Erection, commissioning, and ramp-up of new and existing products.
- Cost reduction through process, product, and productivity improvements.
- Equipment specification, layout review, BOM validation, vendor finalization.
- Safety audits, document control, audit compliance.
- Team leadership of 7 engineers.

Key Projects Executed

- Dragon Cylinder Head – Customer: Ford
- Cold Box Core Shooter – Greenfield sand core manufacturing (Mingzhi, China)
- Tower melting furnace (2T melting / 5T holding) with utilities
- HMC machine development and commissioning
- Blasting machines, scrubber towers, fume extraction systems
- Ultrasonic cleaning machine – DBM Tech (Italy)
- X-Y cranes, KBK rail hoists, conveyors, SPMs, inspection tables

Mahle Engine Components India Pvt. Ltd., Indore

Senior Engineer – Process Engineering / NPD

May 2012 – Sep 2015

- Process design for camshaft and valve tappet manufacturing.
- APQP, PFMEA, Control Plan, PPAP documentation and execution.
- Supplier development and process validation.
- SAP-MM intercompany implementation project.
- Internal Auditor – ISO/TS 16949.
- Team leadership of 5 members.

Projects

- Camshaft development (2W & 4W)
- Valve tappet development
- Internal shot blasting machine for core hole cleaning (MEC SHOT)

Raj Machinery Industry, Indore

Design & Project Engineer

Nov 2011 – May 2012

- 3D machine design and drafting using AutoCAD and Cimatron.
- Project execution for JK Files, RRCAT, BHEL, Eicher.
- Business development, KPI-based performance analysis.

Matelman Auto Pvt. Ltd., Indore

Graduate Engineer Trainee – Production

Aug 2010 – Oct 2011

- Production planning, scheduling, and robot programming.
- CNC laser cutting programming, nesting, and maintenance.
- Implementation of 5S and TPM initiatives.

Education

Bachelor of Engineering – Industrial & Production (Mechanical)

Government Engineering College, Jabalpur

2006 – 2010

Percentage: 73.28%

Training & Certifications

- SAP-MM Certified — ISO/TS 16949 Internal Auditor
- AutoCAD, Pro-E, Cimatron
- Vocational Training – Bhilai Steel Plant (SAIL)
- IGTR Indore – PRO-E
- National Workshop on Autonomous Robotics – MANIT Bhopal

Academic Projects

- TPM implementation with Kaizen – Saraswati Metal Industry Pvt. Ltd.
- Kaizen and 5S implementation – Sukdev Industry Pvt. Ltd.
- Inventory control analysis – Priyadarshini Shopping Mall, Jabalpur

Additional Information

- Industrial consulting for new project execution and process improvement
- Strong leadership, stakeholder management, and analytical skills