



# PRASAD T. PATIL

Results-oriented Project/Program Management Professional with **nearly 17 years** of expertise in leading new product development. Targeting a challenging role in Pune's Automobile/Mechanical industry to apply skills in ME, Program Management, Green Field Project Management, and Development Engineering for driving innovation and operational efficiency.

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## PROFILE SUMMARY

- **Product Development Leadership:** Versatile experience in Program Management, specializing in the development, maintenance, and enhancement of new product development processes.
- **Comprehensive Project Management:** Exhibited expertise in handling complete Program Management, overseeing projects from RFQ to SOP handover, including Stakeholder Management and Gate Signing.
- **Innovative Green Field Projects:** Led the successful execution of Green Field Projects, including the establishment of an 'End of Line' facility and Proto Shop Line, involving layout installation, vendor evaluation, new equipment selection, and commissioning.
- **Strategic Cost-Saving Initiatives:** Spearheaded cost-saving projects such as the establishment of a canned shell decanning process and the implementation of a pipe bending program for reduced scrap.
- **Engineering Excellence:** Proficient in engineering functions, encompassing RFQ handling, costing, feasibility and process studies, and the submission of manufacturing feasibility to customers through marketing.
- **Model Line Project Management:** Managed the 'Bending Line' Model Line Project, focusing on layout optimization, cycle time reduction, quality and productivity improvement, VAVE projects, and line balancing.
- **Hands-On Green Field Project Experience:** Directed Green Field Projects involving facility layout installation, vendor evaluation, new equipment selection, and commissioning for both 'End of Line' and Proto Shop Line.
- **Continuous Improvement and Process Optimization:** Engaged in process planning, development, machine installation, line setup trials, layout finalization, and ECN, showcasing a commitment to continuous improvement and optimization.
- **Effective Stakeholder Collaboration:** Competent at collaborating with cross-functional teams through daily CFT reviews, ensuring APQP timelines are met and documentation is controlled.
- **Cost-Effective Solutions and Feasibility Planning:** Established cost-effective solutions, including the well-established canned shell decanning process and a pipe bending program for reduced scrap. Specialized in feasibility studies and planning for manufacturing parts.

## PROFESSIONAL EXPERIENCE

Feb 2023 – March 2024 | Self Business |

Status: Closed.

Business Details:

- CNC & Lathe turning components.

Mar 2021 - Feb 2023 | Eberspecher (Purem)- Sharda Exhaust Technology Pvt. Ltd. | ME Deputy Manager- (Program management & Manufacturing) German Collaboration (Exhaust System)

Key Client Handled: Ashok Leyland

### KEY RESULT AREAS:

#### Lean Manufacturing Implementation:

- Spearheaded the implementation of Lean manufacturing techniques, including Line Balancing, Takt Time & Cycle time Validation, and removal of wastages like Transportation, Inventory, Plant and Cell Layout Design.

#### Program Management Excellence:

- Managed stakeholder engagement to meet program timelines, tracking projects from RFQ stage to Handover to production with gate-wise signoff and reviews.

## CORE COMPETENCIES

### Program Management

#### New Product Development

#### Advanced Product Quality Planning (APQP)

#### Lean Manufacturing

#### Computer-Aided Engineering

#### Project Management & Coordination

#### Proto Development

#### Cost Saving & Supplier Selection

#### Development Engineering

#### Quality Improvement & Troubleshooting

#### Stakeholder/Vendor/Client Management

#### Capacity Planning & Enhancement

#### Risk Assessment

## TECHNICAL SKILLS

- **Operating System:** Windows 10
- **Applications:** MS Office, Power Point, MS VISIO, Auto CAD2000
- **Application System:** Orion, ERP, FINSYS

## PREVIOUS WORK EXPERIENCE

Mar 2007- May 2010 | Tenneco Exhaust (India) Pvt. Ltd. | Sr. Project Engineer-Industrialization

- (Key Clients Handled: Mahindra & Mahindra, GM, TATA Motors, VW, Nissan Motors, Swaraj Mazda, Greeves, Lombardini)

June 2006- March 2007 | Sulzer India Ltd. | Production Engineer.

- German Manufacturer, Refinery products of Oil Filtration units, Export Category.

- Ensured program adherence to budget constraints through daily, weekly, and monthly CFT, Customer, and Management meetings for project progress and updates.
- Oversaw Supplier PPAP completion and Stakeholders MOM points before PSW.

#### RFQ Support and APQP Control:

- Provided crucial support for RFQ by supplying technical details, preliminary MFG BOM, FTG, PFC, PFMEA, and Line Capacity.
- Controlled APQP timelines through daily CFT reviews and meticulous documentation.

#### Vendor Development and Process Improvement:

- Led vendor development for Automatic and Semi-Automatic Process, focusing on DAP for existing and new project development.
- Played a pivotal role in enhancing quality by implementing various POKA-YOKE and Kaizen processes.

#### Planning and Commissioning:

- Accountable for planning Fix & Gauges, Design follow-up, and DAP, including the execution of line installation and commissioning.

#### Continuous Improvement Initiatives:

- Drove VAVE activity and CRN implementation, collaborating with the Global design team.
- Led Project audits like Tooling Audit, PPAP, and implemented 5S, Kaizens, Poke Yoke, Lean, and Process Documents.

#### Feb 2011- Feb 2021 | Magneti Marelli SKH Exhaust Systems Pvt. Ltd. | Deputy Manager (NPD, Program Management)- Italian Collaboration (Exhaust System)

**Key Clients Handled:** Fiat, Fiat Chrysler, Maruti, Renault Nissan, AL-Nissan, Piaggio, Tata Motors-Harrier, General Motors-Daimler, etc.

#### KEY RESULT AREAS:

- **Lean Manufacturing Implementation:** Led the implementation of Lean manufacturing principles, including Line Balancing, Takt Time, and Cycle Time Validation. Removed wastages like Transportation, Inventory, and optimized Plant and Cell Layout Design.
- **Continuous Improvement Initiatives:** Spearheaded initiatives related to DAP, VAVE, ECN, CRN, FIFO, POKAYOKE, focusing on enhancing overall operational efficiency.
- **Packaging Improvement and JIS Supply Implementation:** Collaborated with manufacturing teams to identify and implement packaging improvements. Developed Just-In-Sequence (JIS) supply packaging strategies for various product types.
- **Program Management Expertise:** Managed complete Program cycles from RFQ to SOP handover, conducting thorough Gates Reviews throughout the process.
- **Supply Chain Optimization:** Implemented strategies for supply chain optimization, ensuring seamless processes and timely deliveries.
- **Strategic Collaboration:** Collaborated effectively with cross-functional teams to ensure the success of various improvement initiatives and program cycles.

#### May 2010 - Jan 2011 | SM Eberspaecher Exhaust Pvt. Ltd. | Sr. Project Engineer - German Collaboration (Exhaust Systems)

**Key Clients Handled:** Tata Motors, Force Motors, Bajaj Auto, M&M, GM, Lombardini, VOLVO, Mercedes, etc.

#### KEY RESULT AREAS:

- **Documentation and Prototyping Oversight:** Created PFD, MFG BOM, FTG, etc., and managed proto cost analysis, along with drafting proto requests for sample production.
- **Customer Collaboration and Prototyping Management:** Ensured prompt follow-up for proto samples, conducted fitment trials at the customer-end, and actively engaged with the ERP System for streamlined processes.

#### July 2004- May 2006 | USV Ltd. | Maintenance Engineer.

- American Manufacturer for medicine on Diabetics.

#### TRAINING DETAILS

- APQP, FMEA, CP, CNC programming C-Tech Engineering, Karad
- IATF internal Auditor - Vencotte

#### SOFT SKILLS

- Collaboration Skills
- Time Management Skills
- Interpersonal Proficiency
- Leadership Competence
- Decision Maker
- Problem-Solving Acumen

#### EDUCATION & CREDENTIALS

- **Appearing** | B.E- Mechanical Engineering
- **2004** | DME | M.S.B.T.E., Mumbai | 60.9%
- **1998** | HSC | M.S.B. Kolhapur
- **1996** | SSC | M.S.B. Kolhapur

#### PERSONAL DETAILS

**Languages** : English, Hindi & Marathi

**Date of Birth** : October 7, 1980

**Address** : Mayuri Arcade, Flat No. 9, Near Hotel Ambiance, Apposite Shiv-Ganesh-Durga Temple, Kaspatevasti, Wakad- 411057

