



Sanjay Bhure

PMP®, Master Black Belt, LSSBB, PGDM, B.E.

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Professional Summary

- **17 years of experience** as Project / Engineering Manager with leadership and management experience in project management and product design & development across domains like Automotive, Aerospace, Industrial Engineering, and Manufacturing.
- Leadership attitude, result oriented and product engineering leader in end-to-end project management, product design & development, process improvement, Value Engineering Global R&D / NPD projects by endorsing DFSS application.
- Experience working in Operations / Process Excellence, Six Sigma projects, Lean Manufacturing, OEE improvements, Kaizen, KANBAN, 5S, 7QC tools, FMEA, RCA, SPC.
- Experience in leading and managing the strategic development, deployment, and continuous improvement of the Lean Six Sigma projects.
- Directly interfaces with key business leaderships and functional experts providing insight and advice on Business Process Improvement approaches to strategic business challenges.
- Develop and provide Project Management and Lean Six Sigma Green/Black belt training and coach to successfully completion of projects.
- Strong Experience in design of Automotive tooling, BIW fixture, Welding & Assembly fixture, Aerospace jigs and tooling, Sheetmetal, casting, Steel Structure, and reverse engineering.
- Experience in mechanical system, Complete Assembly line design including shop floor plan, customize equipment, material handling equipment, material movement lines and transmission systems.
- Global exposure working experience in Europe and with multicultural teams from the US and Europe. Experience leading teams with levels ranging from experienced to fresh graduates.
- Experience managing tactical day-to-day operations through Front line leaders by providing clear vision, setting goals and transforming organization's strategy into achievable goals.
- Project planning, scheduling, Execution, Project Delivery, Team Management Development/Hiring, Communication, Risk Management, Budgeting, Change Management, Procurement, Team Management (team Size up to 30 Engineers).

- Project monitoring & control, performed design reviews, created project reports to track project progress and status reporting and maintain project performance towards achieving Project objectives or SLA and Organizational objectives.

Personal skills

- Business Acumen
- Shared Visioning
- Entrepreneurial Drive
- Adaptability
- Project Management
(Waterfall/Agile/Scrum/Lean)
- Business Analysis
- Quality Management
- Budgeting & Costing
- Stakeholder Management
- Team Management
- Negotiation
- Risk Management
- Communication
- Knowledge Management, Training
- Critical Thinking, Problem Solving
- Digital Transformation
- Data Analytics & Visualization
- Business / Operations Excellence
- Lean Manufacturing
- Six Sigma (DMAIC & DFSS)
- Value Engineering
- Reverse Engineering
- Design & Development, NPD
- Manufacturing & Industrial Engineering
- Kaizen / Continues Improvement / PDCA
- Analytics Hierarchy Process (AHP)
- Robotic Process Automation (UiPath)
- Standard operating procedures (SOPs)
- Work Instructions
- 5S
- Kanban
- Poka-Yoke
- 7 QC Tools
- COQ / COPQ
- Root Cause Analysis
- Hypothesis Testing
- Regression Analysis
- Design of Experiments
- FMEA / PFMEA / DFMEA
- Value Stream Mapping (VSM)
- Process Mapping, SIPOC
- Benchmarking
- Standard Work, Best Practices
- Statistical Process Control (SPC)
- Measurement System Analysis
- Quality Management
- ISO 9001 – QMS
- ISO 45001 – OSHA
- Statistics
- Minitab
- SAP (MM)
- Microsoft Project
- MS Power BI
- Microsoft VISIO
- Primavera P6
- MS Office (Word, Excel, PowerPoint)
- CAD/CAE Software (CatiaV5, Creo, SolidWorks, AutoCAD).

Professional Experience

Oct 22 – till date – Consulting (Freelancer)

- Develop and provide process improvement, Lean Six Sigma (Green/Black Belt) & Project Management training (corporate training).
- Consult industries to Initiate & execute Process Excellence & Operation Excellence projects

Jan 22 – Oct 22 – Horizontal Integration India Private Limited

Sr. Project Manager

- Initiate and manage the projects of process improvements using Lean methodologies.
- Incorporates the use of Business Process Improvement Methodology and Tools (5S, Poka-Yoke, Pull System, Kaizen, Kanban, VMS).

Oct 18 – Jan 22 – SB Management & Engineering Consulting

Founder / Project Manager / Consultant

- Initiate, Plan, manage, and execute medium to large size process improvement initiatives using Lean Six Sigma methodologies.
- Consult industries to Initiate & execute Process Excellence & Operation Excellence projects i.e. Reduce waste, improve OEE, reduce production cost, improve Safety.
- Provide consulting to organizations in design & development projects by developing concept design, manufacturing drawings using various CAD software.
- Directly interfaces with key leadership and functional experts providing insight and advice on Business Process Improvement approaches to strategic business challenges.
- Develop and provide Lean Six Sigma and Project Management training (corporate training).
- Knowledge Management, Training Management, Training Delivery.

April 16 – Sept 18 – SCK Engineering Services India Pvt. Ltd.

Project Manager

- Project management, P&L analysis. Manage team and suppliers and project budget.
- Develop project schedule, communication, change requests, reviews, Risk analysis, FMEA.
- Aerospace, Manufacturing / Industrial Engineering Design, Value Engineering.
- Design & development projects e.g. developing concept design, manufacturing drawings.

Jan 10 – Apr 16 – Siemens Ltd.

Sr. Executive (*Engineering R&D*)

- Awarded by Siemens Purashkaar for Best Employee in Q4-2012.
- R&D Project management, NPD projects, Process Improvement, VA/VE projects.
- Lean Manufacturing implementation (5S, Poka Yoke, Pull System, Kaizen, Kanban, VMS).
- Development of Assembly Fixture Tooling, SoP, Work Instructions and product user manual.
- Value engineering and reverse engineering, Sheetmetal, casting, Steel Structure.
- Design & Development, Mechanical Testing & Analysis.

Feb 07 – Jan 10 – TechniGraphics India Pvt. Ltd.

Sr. Engineer

- Awarded Best Employee of the Quarter in Q2-2008.
- Project Planning, Execution, Monitoring & Control, closing.
- Value Engineering and Reverse Engineering of Automotive & Aerospace components.
- Manufacturing consulting, Design & Development, Mechanical Testing & Analysis.
- Onsite Projects in Germany (Apr–Jun 2008, Jun–Aug 2009).

Certifications

- Project Management Professional (PMP®).
- Master Black Belt – Business Excellence / LSS
- Lean Six Sigma Black Belt and Green Belt.
- Lean practitioner and Guide.
- Strategic Robotic Process Automation.
- Lead Auditor for QMS ISO 9001:2008.
- Chartered Engineer (I) – Mechanical Engineering.

Academics

- PhD (Part Time) Pursuing – Industrial Engineering and Management from National Institute of Technology Raipur.
- PGDM – Operation Management from Prin. L. N. Welingkar Institute of Management Development & Research, Mumbai, in 2015.
- Bachelor of Engineering – Mechanical Engineering from National Institute of Technology Raipur (GEC, Raipur) in 2005.
- Certification in CAD/CAE – CatiaV5, Pro-E Wildfire 3, ANSYS from CADCAMGURU Solutions Pvt. Ltd. Pune, in 2006.

Patents

- “Damping Mechanism” in IP India. No.: 7/KOL/2014.
- “An Interrupter Unit for Circuit Breaker” in IP India. No.: 239/KOL/2014.

Professional Membership

- Member of Project Management Institute
- Member of the Institute of Engineers (India).
- Member of SAE India.
- Member of Pune Management Association (PMA).
- Member of Automotive Industry Action Group (AIAG).
- Member of Quality Circle Forum of India (QCFI).