

Poojan Pathak

PMP® | CSM | CPO



Vadodara, Gujarat, 390023



[linkedin.com/in/poojan-pathak-040291](https://www.linkedin.com/in/poojan-pathak-040291)



953-770-6737



pathakpoojan@gmail.com

Professional Project Management Specialist with 8 years of experience controlling all stages of projects from inception through monitoring and closing, exceeding expectations of being on time and on budget. Considerable client-facing project experience has driven commitment to customer satisfaction.



Skills & Tools

MS Project, JIRA

Strategic Project Planning & Coordination

Agile Methodology & Problem Solving

NPD/NPI Process

DFMEA, GD&T (ASME Y14.5)

Scrum Methodology



Work History

2017-08 - Current

Assistant Manager/Lead Engineer

Xylem Water Solution India Pvt. Ltd, Vadodara, Gujarat, India

- Led team of engineers in providing design and engineering solutions to various commercial projects and market sectors.
- Worked with cross-functional engineering teams on product development from planning, requirement gathering, development, testing, deployment and performance measurement.
- Visited **Italy** and **Germany** manufacturing facility to facilitate Product development and global launch roadmap planning.
- Scheduled and facilitated meetings between project stakeholders to discuss deliverables, schedules and conflicts.
- Established communication within global teams in engineering design concept reviews and other technical discussions for test issues.
- Maintained open communication by presenting regular updates on project status to customers.

- Controlled engineering activities to maintain work standards, adhere to meet project timelines and committed deliverables quality.
- Evaluate and demonstrate manufacturing feasibility and technical justification for the design approach using Design Failure Mode & Effect Analysis process (DFMEA).
- Provided extensive guidance on Agile scrum processes and methodologies to highly effective teams with goals of improving quality and productivity.
- Maintained tactical control of project budgets and timelines to keep teams on task and achieve schedule targets.
- Create and release of engineering documentation using PLM & PDM software for Design, Drawings, Bill of material, and Specifications.

2016-06 - 2017-08

Research Assistant

NCAIR-IIT Bombay, Mumbai, India

- Increase 40% core strength of Bullet proof jacket for army dogs against high velocity bullets considering NIJ standards.
- Developed VBA based macro to analysis bullet impact on bullet proof jacket with combination of fabric layers.
- Creating detailed fabrication drawing using SolidWorks and creating manufacturing for composite parts for aircraft using Vacuum assisted Resin Transfer Moulding (VARTM) process and out of autoclave prepreg process.
- Analyzed statistical data using both modern and traditional methods.
- Performed bullet proof jacket test experiments and research to test for bullet impact analysis on jacket and documented all findings.

2014-04 - 2015-05

Design Engineer

Esquire Machines Pvt. Ltd, Vadodara, Gujarat, India

- Assist product owner for preparing Bill of material, 2D drawings and project documentation for ISO audits.
- Designing passenger material hoist assembly detailed drawings using computer aided design software and excel base calculation tools to support FEA teams.
- Prepared, checked and coordinated documentation to support component design and application.
- Developed, tested and assessed alternative design model of concrete mixer and processing methods.

2013-09 - 2014-03

Shift Supervisor

Kumar wire Mesh Pvt. Ltd, Gandhinagar, Gujarat, India

- Completes production plan by scheduling and assigning personnel accomplishing work results.
- Maintains shift production work flow by establishing priorities, monitoring progress, revising schedules.
- Increased operation of equipment by preventive maintenance of existing equipment and evaluating new equipment and techniques.



Accomplishments

- Awarded with the **Productivity Enhancement** for contributions to **Exceptional performance in delivering Order Engineering services to Xylem USA.**
- Awarded with the **Continual Improvement for Organizational Excellence** for contributions to **TARON based Pilot Plant Project with IIT Kanpur .**



Certifications

2022-04	Project Management Professional Certification (PMI)
2022-03	Certified Scrum Master
2022-03	Certified Product Owner
2016-09	Post Diploma Graduate in Intellectual property rights



Education

2018-08 - 2020-05	M.Tech: Design Engineering (GPA: 8.58/10) <i>BITS Pilani - Pilani, Rajasthan</i>
2008-06 - 2013-05	B.E: Mechanical Engineering (GPA: 8.2/10) <i>Gujarat Technological University - Vadodara</i>