

Rahul Bangar

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Profile

- A result oriented professional with around 20+ years of experience in Product design & development directing Complex projects leading engineering teams.
- Acquired proficiency in Project management, Customer requirements management, Building new teams, project collaborations with new plants/ businesses.
- Instrumental in building new teams from scratch
- 2 patent (#8833695 & #WO2018041993A1) & 2 disclosures.

Core Competecies

Project management (Internal/external engineering service team), Project Scope & change management, Risk management, schedule management, Vendor development

- Stakeholder management: Internal & External stakeholder including End Customer support.
- Team Building, work package management, Resource management (Internal & External), team planning & budgeting, Cross-disciplinary collaboration(National/International)
- People Management, Team performance & development management, Team Budget & planning, Resource allocation
- SME for Handling/lifting & Transport equipment & process . Acquired proficiency in Endn to end components handling, transport to erection process value chain mapping in Turn key projects.
- Customer interface & Requirement management for Blade Transport equipment's & process for Internal & External customers.
- Oversaw Problem-solving, Field issue resolution of Transport frame related issues as part of Project lifecycle
- Blade internal handling, lifting & transport process management within LM plants (global responsible for 14 plants)
- Proficient in making high level overviews, Dashboards,& Project reporting to top management, and effectively engaging stakeholders.

Work experience

01/2011 – present
Bengaluru, India

Senior Project manager LM Windpower

- Managed Engineering projects for Blade handling, storage & Transport equipment
- Directed 10+ Critical Blade transport & Handling equipment projects with Internal/ Indian & Danish consulting firms totaling over 20000 hours of work
- Collaborated with Technical account managers to ensure alignment with organizational objectives and client expectations for current & future projects
- Executed NPI projects following NPI tollgate process & Design reviews adhering APQP for wind practice, Project schedule management using MSP, Project Budget management
- Established a 12-member team for equipment development in Technology center, Bangalore
- Recognized for outstanding problem-solving abilities, innovative solution development, and driving process improvements through LEAN methodologies, resulting in multiple Impact awards
- Led cross-functional teams in executing complex projects, resulting in a 20% increase in project efficiency and a 15% decrease in project timelines



Work experience

- Developed and implemented project management processes and best practices, resulting in a 25% improvement in project success rate
- Served as Global Process owner for Blade within LMW storage yard, handling & transport across 15 factories on 4 continents for 47 plus different blade variants
- Managed Product lifecycle for Transport equipment

Key Projects:

- I frame development for Onshore & Offshore blade storage/Handling & Transport
- Managed Project as PM for 80% consultant team from Denmark & 20% internal team in India
- Manage change in scope, budget split, Project split in two subprojects, Timeline management with external consultants.
- Facilitate Engineering team interaction with DNV, Marine warranty Surveyor & customer collaboration for Transport frame design certification & approval.
- Work with sourcing vendor development in multiple regions for same design & field issue resolutions.
- Multi Modal Transport equipment development
- Transport & handling equipment solution for 70+ meter Blade transport
- Application Engineering project with Minimal modifications for new Blade Projects
- Reuse of existing frames for bigger blades (Blade transport engineering)
- Dual Blade on single truck project (35% transport cost reduction per blade)

03/2012 – 03/2014
Bangalore, India

Team lead Svendborg Bakes

LM Windpower Acquired Svendborg Brake Company in Denmark in 2012 and successfully sold it in 2014

- Led as Team Lead and Site Coordinator to establish collaboration between LMW Technology Center India and Svendborg Brake Denmark for Pitch and Yaw brakes
- Built and developed a 6-member team for brake design and development at Technology Center, Bangalore
- Led 3 brake variants design and development projects within a span of 1.5 years
- Crafted work processes between the two organizations to ensure seamless execution of brake development projects within a year of collaboration
- Carried off vendor development for Svendborg Brake test rig fixtures in India

Key Projects:

Double Piston, Mono-spring Brake development (D500 & D300), D1000 brake development

09/2004 – 01/2011
Pune, India

Senior Engineer/ Project lead Eaton India Engineering Centre

- Managed a team of 6 highly skilled Design Engineers for day-to-day tasks
- Led Pressure relief valve design project
- Executed and coordinated project with cross-functional Aerospace Global team for technical approval
- Conducted Failure Modes and Effects Analysis (FMEA), Design for Assembly (DFA), Reliability prediction, and Fault Tree Analysis (FTA)
- Supervised Bill of Materials (BOM)
- Prepared Bill of Knowledge (BOK) on fluid domain extraction required for CFD analysis using large CAD assemblies (300+ component assembly)
- Conceptualized and developed various hydraulic valves for Flap actuators and Nose wheel steering systems
- Oversaw major projects including Nose wheel steering system for Gulf Stream G650, Flap Actuator (Electromechanical) for Embraer- Phenom 100 Very Light Jet, and Mechanical Flap Actuator Concept Design for Proposal Honda Jet (Program III)



Education

06/2000 – 05/2003
Pune, India

Mechanical | BE
Pune University

06/1998 – 05/2000
Pune, India

Mechanical | Diploma
B.T.E. board



Certificates

11/2013

PMP

Maintained PMP certification from Nov 2013 till Dec 2022.

I was a certified Project Management Professional (PMP) through the Project Management Institute (PMI). This certification demonstrates my proficiency in project management best practices and principles, as well as my ability to lead and manage complex projects effectively.



Skills

- LANGUAGES

English
Professional

Hindi
Professional

Marathi
Professional

- COMPUTER SKILLS

MS Project
Professional

JIRA
Limited

ProE
Professional

Solid works
Limited

VA/VE

DFM & DFA

GD&T, Tolerance Stack up

Risk Management



Awards

04/2023

CEO Award
LM Windpower

05/2017

Best Project
LM Windpower