



RAJESH GANNAVARAPU

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Summary

I bring along a rich blend of 16 years Project Management, Lean Six Sigma, Operations and Engineering Management strategy experience in Gas and Wind turbine Structural Design with a proven record of delivering on complex NPI and Part Cost Optimization, and Continuous Improvement by way of managing global teams at Rolls-Royce, Vestas, and GE.

Experience - Core Job Responsibilities

May 2016 onwards - Project Manager, SCU Engineering, Rolls-Royce Bangalore

- Currently managing Compressor ~10MM cost reduction projects aligned Singapore supply chain.
- Also, currently managing Compressor Front Fan Case redesign cost reduction projects.
- Managed the delivery of Trent XWB-84 Manuals Immaturity Life Cycle cost reduction packages.
- Delivered GBP116k component cost reduction managing the Turbine and Compressor portfolios.
- Conducted ideas generation activities in order to identify cost reduction opportunities.
- Ensuring Engineering Delivery Excellence by way of RRMS Group Procedures (EP 2.2, 3.2, PP 1.0).
- Established a Community of Practice.

Aug 2010 to Apr 2016 - Technical Project Manager, Nacelle Engineering, Vestas Wind Chennai

- Accountable for the delivery of multiple work packages within the cost, specs and schedule.
- Managed IPTs of >30FTE in India, Denmark, China, Spain etc. on 3MW/2MW Platform projects.
- Managed structural (casting, welding, composite, cooling) systems, scoping (G2) to drawings (G5).
- Secured resources and budget working closely with the functional managers and the Platform PMO.
- Created, optimize, maintain and manage high-quality schedules working with Functions and PMO.
- Established, and proactively maintained the documents such as requirements, risks, and reports.
- Ensured excellent cross-functional communication and handled interpersonal conflicts via connect.
- Facilitated reviews and reported areas where senior management decisions need to be made.
- Ensured prototype validation, concessions, technical variances, and technical publications.
- Generated status, performance and Earned-Value reports to senior (Directors/VPs) stakeholders.
- Authored guidelines on scoping, making good business case and outsourcing to DK/IN suppliers.
- Conducted cross-functional ideas generation workshops.
- Established Community of Practice (Global).

Mar 2008 to Apr 2010 - Technical Leader, Rotating Parts Lifting, GE Aviation Bangalore

- Team leadership of 6FTE, including planning and prioritization of team members work.
- Team mentoring on NPI and mark update Programmes ensuring FTY=1 at reviews.
- Authored analysis guidelines, work instructions and automations accelerating delivery.

Experience – Adjacent (Management) Roles:

Jan 2017 onwards - Operations and Transformation Lead, SCU Engineering, Rolls-Royce Bangalore

- Delivered Continuous Improvement of ~GBP840k (GP QI 4.0), and assisted VSMs.
- Managed SoW to PO to Invoicing cycle for >50k+ hours working with RRUK, RRD, RRC.
- Assisted HoCE on in load-capacity planning by weekly consumption reporting.
- Established an Operations and Transformation Community of Practice.

Aug 2014 to Apr 2016 - Engineering Management, Nacelle Engineering, Vestas Wind Chennai

- Represented line manager at the senior (VP-level) management.
- Assisted line manager on team strategy, capability, a budgeting, and survey analysis aspects.
- Team leadership responsibilities, including planning and prioritization of team member's work.

Mar 2008 to Apr 2010, Black Belt, Product Engineering Centre, GE Aviation Bangalore

- Executed Black Belt DMAIC, DFSS projects, and mentored 15 Green Belt certifications.
- Delivered Continuous Improvement of >\$0.5MM, and >\$1MM material cost productivity.
- Lead 5 Value Stream Map events, ISO9001 certification, and Engineering Excellence.

Qualifications

- 2009-10, Lean Six Sigma DFSS Black Belt, GE (Aviation) India Pvt. Ltd.
- 2006-08, Lean Coach, GE (Aviation) India Pvt. Ltd.
- 2001-03, Master of Tech. in Structural Engineering, IIT Bombay (9.22/10, III in the class)
- 1997-01, Bachelor of Eng. in Civil Engineering, Andhra University, 86.5%, University First

Honors

- 2019, Rolls-Royce Compressor Global Cost and Cash Champion Award.
- 2017, Rolls-Royce Excellence in Operations Management Award.
- 2016, Vestas Excellence in Project Management Award.
- 2010, GE Aviation Black Belt Quality Cup Award.
- 2008, GE Aviation Engineering Recognition Day Award.

References

- Mr. Mickael Drozd, Compressor Cost Exec, +44 755 789 5582, Mickael.Drozd@Rolls-Royce.com
- Mr. Jyotis Sardar, Control System Manager, +49 172 134 4419, Jyotis.Sardar2@Rolls-Royce.com
- Mr. Sreevamsi Tammineni, Chief Engineer at Quest, +44 790 361 4509

Career Start

18-Mar-2003, at GE Aviation, Bangalore

Expertise

Project Management (12+ years)
(Design to Life, Technology, Parts Transfer)
Structural Design, Analysis and Lifting (10 years)
Lean Six Sigma (8 years)
Manufacturing Awareness (2 years)
Supply Chain Awareness (2 years)
Engineering Operations and Strategy (5 years)
Managing Engineering Suppliers (5 years)

Product Lines

Rolls-Royce Trent XWB-84, -97
GE CF6, CF34, LM6000, LM2500, LM500
Vestas V100, V112, V117, V126, V164

Training Completed

High Performance Culture at Rolls-Royce
System Engineering at Rolls-Royce
IPTL Induction License at Rolls-Royce
Project Management at Vestas (PMP)
Project Management at GE
Black Belt DFSS, DMAIC, CAP and Lean at GE
Building Essential Leadership Skills at GE

Project Management Tools

Rolls-Royce PCB, CRAB, DTA, IPPR Gate Models
Microsoft Project and Primavera P6
Requirements - Product, System, Component
Active Risk Management (ARM)
DFMEA, PFMEA, HSE Risk
Business Case tools such as ICOST
Resource Management Tools
Microsoft Office 2010
Microsoft SharePoint
Microsoft Skype, Oracle WebEx
SAP PM, CAM, CATS, DMS Modules
Oracle Teamcentre
Working on PMP Accreditation

Operating Systems

Unix, Linux, Microsoft Windows

Engineering Tools

Unix OS, and Shell Scripting
Fortran, C, Excel VBA, Awk, and Matlab
GE XLIFE, Vestas Fatigue Wizard, R-R SA16
ANSYS, R-R SC03, and Hypermesh
UG, and Pro-E
GE PEZ, and R-R Isight

Business Travel

UK (2017), Denmark (2014), USA (2005, 2008)

Languages (Excellent R-W-S)

English, Hindi and Telugu (Mother Tongue)

Leadership Style

DISC Profile - D/IC; MBTI Profile - INTJ

Hobbies & Interests

Cricket, Personal Finance, and Spirituality

Social Media

www.linkedin.com/in/rajeshgannavarapu
<https://my-thimahi.blogspot.com>
www.youtube.com/user/rajeshgannavarapu

Books Published:

Manjeeraalu (Poetry in Telugu), on Google Play

Global Mobility

Willing to relocate to outside India permanently.