
I am a passionate Engineering and Supply Chain Management Professional. I am determined to pursue my profession in the trails of my passion.

EDUCATION

PROJECT MANAGEMENT PROFESSIONAL (PMP)
Project Management Institute

MANAGING PROJECTS WITH MICROSOFT PROJECT2013 (MCP)
Microsoft

BACHELOR'S DEGREE IN MECHANICAL ENGINEERING (B.E.)
Bharathiar University

PROFESSIONAL EXPERIENCE

Infosys Limited for Spirit Aerosystems Inc. at Toulouse, France and Wichita, Kansas USA 2013 - Present

Program Management Lead (3.5 years)

A program management professional working with Spirit Aerosystems for the A350 Section15 program. As a program management professional I have multitude of roles & responsibilities; reporting to Program Director, Business Manager. A brief listing of my major responsibilities;

- Program team focal in a corporate initiative of strategic sourcing; develop schedules for the suppliers, integrate schedules to develop Tier-0 IMS, develop process to control the bill-of-material (BOM) at each identified suppliers and manage BOM changes caused by one of the following; EAC revisions, engineering changes and supplier consolidation.
- Representative of Program team in a production rate enablement Multi Functional Team (MFT); Building and Managing the IMS, analyse schedule for lag/lead/clash, adjust schedule based on project milestones, develop & control risk register, identify program risks, create mitigation plans and prepare weekly performance reports for senior executives visibility.
- Worked with multiple functions in the factory for developing IMS based on Six Sigma concepts, developed master Schedule, coordinated with Lean team for assessing the current rate capabilities and improvement areas, developed unique tool for tracking production rate and identifying projects that need to be pursued to takt rate.
- Documentation of Memorandum of Agreement (MoA), interpretation of contractual language, provided inputs to management about contractual rights & obligations and prepared proposals for strategic program milestones, during Mat C & DFM phase worked with Engineering and Supply Chain team to identify most appropriate payment milestones.
- During Mat A/B/C and DFM phase of the program, worked with IPT manager on the non-recurring engineering budget; distribution of program budget for 6 different work package managers, monitoring the spend of each managers through EVM, performed budget analysis and provided inputs to senior management on necessary budget adjustments.
- During DFM release of first MSN (Shipset) team was faced with issues in tracking huge volume of daily engineering releases; me as program team representative solved this issue by creating a unique SharePoint for DFM releases, developed MS ACCESS database for tracking purposes and utilized KBE team to build an Excel VBA application for tracking using S-curves.
- During the production of first MSN (Shipset), took-up the role as a Change coordinator; responsible for coordinating with impacted functions for each of the changes brought to change board, interacting with PDO team for scheduling the change projects in SAP, program focal to SCM for answering questions about Engineering schedule & coordinate RFAs with Engineering Leads and coordinating the daily Change control board meeting.
- In the Change negotiation process between Airbus and Spirit, played a critical role in the data analysis and provided crucial engineering and management inputs for major assertions and supported negotiation meetings. One of my biggest success in this role was untangling one of the complex negotiation process and enabled a major assertion for a program milestone.
- One of the Program team members of a special team designated to control the number of QN/Concessions in S15 assembly. I was involved in the coordination of MFT projects, tracking their closures, routing completed projects to audit, securing audit reports and closing out projects.
- Implementation of Earned Value Management System for engineering work packages utilizing custom built EVM templates and report generator. Also trained a team of people on EVM concepts.
- During project development phase, I was coordinating the issue of Purchase orders to engineering partners, receiving their Invoices, analyzing the weekly spend of each of the partners and reported to senior management.
- Guiding and mentoring a team of 5 Program management professionals

Engineering Lead (8 months)

Worked closely with the Airbus in-house Design Engineering teams and other engineering partners in performing the DMU integration activities and product structure management in VPM & PDM.

- DMU integration activities for A350-900 program and performing the QC1 checks for the Wing Fixed Trailing edge parts and assemblies.
- Creating and maintaining the product structure in PDM and CAD.
- Provided an opportunity to understand the Wing parts and assemblies of a fixed wing aircraft

Infosys Limited, Mysore, India**Engineering Lead (3 years)**

Joined a team involved in the design and development of MRJ90 aircraft, was assigned the task of leading a team of around 12 design engineers involved in the design of Aircraft Mid-fuselage Skin & Stringers, Stringer splice & Stringer clip and the Fastener RSM and thereby the overall responsibility of a Mid-fuselage panel. The responsibilities include the Technical ownership of the parts and assemblies in the panel, Quality of the deliverables and the schedule. Participated in the Preliminary and Critical Design Reviews (PDR & CDR) during the development phase and then engaged in the manufacturing drawing release. Thus got an experience working in an aircraft from its conception to manufacturing of its first unit.

- Design lead for parts and assemblies of the complex Mid-fuselage bottom panels (L&R).
- Design focal for building the Fastener RSM's of the entire Mid-Aft fuselage, this project provided an opportunity to understand the strengths of Relational modelling.
- Based on Stress inputs and environment parts, designed Bear-straps/Skin doublers for all the Passenger, Service and Cargo door cutouts.
- Involved in various concept design proposals for fuselage stringer end-fittings, Waste-water tank cutout surround parts and Butt-strap configuration change.
- Implementation of Relational modeling approach for Skin, Stringer, Stringer splice and other joint parts
- Creation of 3D manufacturing drawing (Part drawing, Assembly drawing and Installation drawing) for the Skin, Stringer, Skin Doubler, Stringer fitting, Stringer splice and Skin splice parts using CATIA MBD module
- Conducted performance evaluation for my team members and contributed to their career development.
- Participated in the interview board for recruiting engineers to our unit.

Infotech Enterprises, Hyderabad, India**Senior Design Engineer (4 years)**

Started my career as an entry level engineer and progressed through various level up to a Senior Design Engineer. Engaged in various Railway vehicle design programs with various design teams of Bombardier Transportation; BT-China, BT-Derby, BT-Belgium, BT-Crespin. One of the design project executed onsite at BT-Crespin was highly appreciated by customer's senior management and I was given an opportunity to present my design to SNCF (French national railways representatives)

- Design engineering of railway vehicle structure and manufacturing drawing preparation
- Design and Drafting of the under slung chassis equipment and its integration
- Offshore co-ordination and work packages management.

SOFTWARE SKILLS

- Microsoft Project
- Microsoft Office
- Microsoft SharePoint
- CATIA V5
- Enovia VPM
- Windchill PDM

OTHER INTERESTS & SKILLS

- Pursuing Lean Six Sigma Green Belt certification
- Flying & Building RC Airplanes
- Analyzing & publishing articles about Aviation & Aerospace trends
- Languages:
 - English - fluent
 - Hindi - Fluent
 - French - basics
 - Tamil - Fluent