

## PROFILE

Highly organized, dedicated, assertive and seasoned professional with over 18 years of experience in Program Management, Engineering, Manufacturing and having track record of meeting timelines and exceeding customer expectations. Experienced leading teams from project start till production. Successfully launched programs for all major OEM's. Managed multiple programs for anticipated launches in 2020-2021-time frame. Managed and tracked all component related changes across all camera and radar customers. Possess excellent people skills with proven ability to communicate well with all levels in the organization. Detail-oriented with proven effectiveness in competitive, fast-paced environment to handle multiple projects same time. Experienced in process optimization to improve process efficiency/effectiveness and reduction of costs. Familiar with functional safety and ASPICE.

## CORE COMPETENCIES

- ✓ Project Management
- ✓ Strategic Planning
- ✓ Risk and Issue Management
- ✓ Problem Resolution & Change Management
- ✓ Team Building
- ✓ Cost Benefit Analysis
- ✓ Process / Quality Improvement
- ✓ Time Management

## PROFESSIONAL EXPERIENCE

### Plasman Group Program Manager

09/2020- Present

Plasman Group Tier 1 supplier with 20 highly automated manufacturing sites and dedicated engineering and sales locations globally. Product capabilities include tooling, molding, paint applications, chroming and assembly operations of Class "A" plastic exterior trim products.

- Responsible for Honda 2023 Passport and 2022 Pilot exterior injection molded painted parts. Products include Claddings, Rocker, Garnishes, Skid Garnishes, Spoilers, License Plate Garnish, B/C Pillar Garnishes
- Working with cross functional teams in design, development and launch of the programs
- Developed program schedule and updated program financials for each gate
- Conducted program team meetings (APQP) to review program status, issues, risk and supported customer meetings
- Conducted gate reviews utilizing Plasman gate launch system structured approach for new launches.
- Updated project dashboards and provided management weekly status on project and key issues.
- Utilized Plasman ECN process for product, process and system level changes
- Participated in feasibility reviews to highlight potential risks and work with the customer to resolve them.
- Ensured that all tasks are progressing as effectively as possible using time bound program timelines and risks are identified and managed.
- Responsible for managing internal and customer budgeted costs. Compiled and tracked all information on program costs including tooling, gages, fixtures, racks, packaging and assembly equipment.

### ZF Group, Farmington Hills, MI, USA

#### Global Program Manager (ADAS)

07/2015– June2020

ZF is a global leader in driveline and chassis technology as well as active and passive safety technology. The company has a global workforce of 146,000 with approximately 230 locations in some 40 countries. In 2017, ZF achieved sales of €36.4 billion and as such, is one of the largest automotive suppliers worldwide.

- Managed and launched projects from start till post production. Customers included Nissan, PSA, Chrysler, GM, FIAT and Daimler. Products included Active Driver Assistance Systems (ADAS) including forward facing camera modules (S-Cam 2, S-Cam 3.5), Radar, Camera Brackets and Vacuum sensor.
- Responsible for Nissan S-Cam 3.5 camera programs for anticipated launches in 2020- 2021-time frame.

- Responsible for PCB design change and implementation across all Nissan S-Cam 3.5 camera platforms (~ 100 Nissan part numbers) affecting three ZF sites and global Nissan plants
- Led sensor design change and validation for GM Vacuum Sensor.
- Responsible for tracking and managing critical ADAS SRC's for all customers. This include working with camera and radar customer applications teams / PM's, purchasing and CE to develop validation strategy, validation timing along with sample procurement.
- Utilized ZF program management system (Clarity) to track and manage open issues, risks, engineering changes, project schedule, BOM, gate reviews, project details and financials.
- Developed and tracked project schedule, project scope, open issues list and risk matrix for each project.
- Conducted program team meeting to review program status, issues, risk, quality issues and supported customer and supplier meetings.
- Supported Sales/CQA during new business quote phase, engineering changes and provided status to leadership for ongoing camera and vacuum sensor business.
- Worked with Finance and Plant during CEA submission and made sure funding is approved on time for tooling and equipment.
- Managed programs with ~ 70+ cross functional team members (HW, Mechanical, Engineering, SW, Quality, NPI, Purchasing, AME, Operations) to meet program deliverables.
- Reviewed, analyzed and interpreted customer requirements to product specifications.
- Worked with Mechanical, HW and SW team during product design, simulation activities and timely release of product in the ZF Windchill / Web - control system
- Ensured effective use of ZF GDPEP gateway processes and the relevant functional processes (C40, A60, APQP).
- Successfully conducted GDPEP gate reviews for projects and provided monthly reports to the management. Reports included status and key issues on cost, timing, key deliverables, product design & performance, launch readiness, PO's, sourcing activities and PPAP
- Worked with engineering and customer to develop validation plan
- Led trials at ZF plants for internal validations, customer build events and vehicle testing
- Updated business cases for each program at gate reviews to capture latest BOM, tooling cost, ER&D and work with sales to get customer agreement on new pricing.
- Worked with purchasing and SDE in sourcing suppliers to ensure timely delivery of product and to complete PPAP on time to meet program key dates.
- Managed and tracked customer PPAP approval, tooling PO's, blanket PO's, ER&D, CAPEX and customer recovery for each project.
- Utilized change review board (CRB) for design, process, SRC and VAVE changes for approvals.
- Provided support to Engineering, Quality, SDE and ZF Plant to address quality issues and product/process improvement activities.

### **Selected Achievements:**

- Successful completed gate reviews and achieved flawless program launches
- All projects met / exceed CQA financial baseline (BOM Cost, DVP %, Profit, ER&D, CAPEX, ROS, Sale Price, Avg Volume, Sales, D-ROCE)
- Introduced two new suppliers for camera brackets with 50% reduction in lead time and over 40% cost reduction in the piece price.
- Introduced, validated new material for camera brackets resulting in 10-15% cost reduction and 50% improvement in material lead time.
- Validated and introduced new supplier for S-Cam 2 camera lens mount with \$496K saving over program life
- Introduced new material for GM vacuum sensor housing and cover resulted in 20% reduction in scrap and \$0.35 improvement in the piece price.

## Flex-N-gate Corporation, Kitchener, ON, Canada

### Program Manager

11/2007– 07/2015

*Flex-N-gate is a Tier1 automotive supplier for plastics and metal parts. Flex-N-Gate employs over 12,450 people at 50 manufacturing and 9 product development and engineering facilities.*

Responsibilities include leading the APQP process and managing all necessary activities required to launch new programs and/or engineering changes from the time that the business is awarded by the customer to successful launch. Support the management team in resolution of all commercial matters that relate to tooling, capital and customer contracts. Other responsibilities include leading continuous improvement projects to improve effectiveness and efficiency of the business processes.

- Managed all projects from design to production stage as per customer requirement and specifications. Customers included Ford, GM, and Toyota. Parts included plastic injection moulded parts (Front/RR Fascia components, Rockers, Claddings, Brackets, Grilles, Engine Covers, Radiator Cover, Energy Absorbers, FEM Carrier, Skid Plates). Projects included Rav4, Lexus RX 350, Ford CD 539/U540/ D258/ D472/D471/U38X/U502, GM XTS/Camaro.
- Provided feasibility input at the design stage for ease of manufacturing and to reduce cost.
- Developed detailed project plan, which include project schedule, budget, project risks and quality requirements.
- Lead APQP meetings for assigned engineering projects and managed projects using FNG project management (PLM) system. Conduct gate reviews and provide program status report to the management
- Managed and tracked program costs, budget, open issues and engineering changes
- Worked with mold and check fixture suppliers in reviewing and approving tool designs.
- Worked with plant management to estimate facility and equipment requirements for the new projects. Developed RFQs, obtained quotes and implemented additional equipment and resources in the plant. This include assembly machines, nests, fixtures, bowl feeders, EOAT and vision system.
- Lead the team in reviewing and approving the tool design and prints. Worked with tooling supplier to improve tool design using CAE tools (Mold flow, FEA).
- Conducted low / high volume tooling trials to prove out tools. Support customer build events
- Worked with suppliers and customer to design and develop packaging for each program.
- Lead continuous improvement projects utilizing Lean Six Sigma tools to reduce defects, delay, and cost and improve process capability.

#### **Selected Achievements:**

- Projects were launched on time, meeting profitability targets and with no major quality issues in first 3 months.
- Initiated Six Sigma concept first time in the company
- Developed Champion and Black Belt training material for the organization.
- Achieved 70% scrap reduction for Ford product line by identifying KPIVS and developing controls.
- Provided Lean Six Sigma Black Belt training to managers, engineers and project managers.
- Achieved 50% reduction in tool change over time by developing procedures, training and eliminating NVA steps from the process

## ABC Group, Toronto, ON Canada

### Program Manager

07/2002– 11/2007

*The ABC Group of Companies is a Canadian-based international manufacturer and a world leader in plastics processing.*

Responsibilities include leading engineering projects from concept to production, improving process capability by reducing variation in the processes and making sure project meet customer requirements.

- Lead concept, design and development of blow molded and injection molded products (Ducts, Reservoirs, PSR for Ford, GM, Chrysler and Nissan. Projects included Ford S197/U250, Chrysler JK, GM Lambda.
- Quoted complete projects to the customer, which include prototype tooling, production tooling,

- piece price and progressive reduction each year for multiyear programs.
- Developed detailed Project Management Plan, Schedule, Budget and Quality procedure. Ensured projects meet schedule, cost, and technical expectations through effective project leadership.
  - Kicked off prototype and production tooling (Molds, Fixtures, and Jigs) as per released drawing and math data.
  - Worked with process and tooling department in reviewing and approving tool designs
  - Regularly follow up on tooling progress by supplier visits and reviewing progress reports.
  - Led APQP meetings and worked with quality in developing PPAP documents that included PFMEA, PFD, MSA, Process Capability and Control Plan.
  - Designed a unique one-piece design for Air Inlet duct with better strength and airflow, validated the design using CFD and experimental airflow testing and save on tooling \$150,000 CDN.
  - Worked with the APQP team to review and approve engineering designs and changes ensuring design outputs meet customer engineering requirements and specifications.
  - Worked with cross-functional teams in developing Advance Product Quality planning (APQP) and PPAP documents that include P-Diagram, DFMEA, PFMEA, PFD, and Control Plan.
  - Worked with process/quality engineering to optimize process and improve product quality and the closure of 8D's
  - Worked with the Lab during the DV and PV testing to ensure that all tests meet the program time and tests are done as per engineering specification provided by the customer.

## **Nissan Motor Company / World Korean Motors-Pakistan**

### **Product Planning Engineer**

08/1997– 09/2000

- Provided project management leadership in new product launches, existing product improvements, and manufacturing process improvements.
- Developed deletion plan in order to manufacture parts locally as per Government regulations.
- Checked the feasibility for the development of new components considering import, in-house production and supplies.
- Coordinated closely with Nissan Japan related to technical data and specifications, import of CKD, jigs and fixtures.
- Designed and implemented error-proofing capabilities on assembly line and workstations to support the zero-defect initiative.
- Implemented scorecards and audits to drive significant improvements in supplier quality, delivery and productivity
- Involved in the sourcing decision to produce parts as per deletion plan.
- Developed timeline and track progress of the program in order to meet program deliverables.
- Prepared bill of materials (BOM), budget for the project, documented contracts and evaluate tenders for the procurement of parts.
- Participated in supplier development program, conducted supplier audits.
- Worked with cost estimation engineers for costing of parts
- Co-facilitated and participated in Kaizen events and 5S activities.

## **EDUCATION**

**Master of Science in Mechanical Engineering**▪ Wayne State University, Detroit, Michigan, USA

**Bachelor of Science in Mechanical Engineering**▪ NED University of Engineering & Technology, Pak

**PROFESSIONAL TRAINING /  
CERTIFICATION**

CERTIFIED SIX SIGMA BLACK BELT (CSSBB)  
PROJECT MANAGEMENT PROFESSIONAL (PMP)  
MICROSOFT CERTIFIED SYSTEM ENGINEER  
CISCO CERTIFIED NETWORK ASSOCIATE  
GD&T  
PROJECT MANAGEMENT  
LEAN SIX SIGMA  
ROOT CAUSE ANALYSIS

**PROFESSIONAL AFFILIATION**

**Member▪** American Society for Quality (ASQ)  
**Member▪** Project Management Institute (PMI)  
**Member▪** Professional Engineers Ontario Canada