**Sachin Jain **

Phone **:** +91-96 507 59169 Email**:** jainsachinjain78@yahoo.co.in

Present Address: 556, 1st Floor, Sector-9, Gurgaon, Haryana, INDIA

Permanent Address: 108, Vasant Vihar Colony near Railway Station Jwalapur, Haridwar, Uttrakhand, INDIA

**Objective:** A Challenging position in a Manufacturing and Engineering Environment where my overall management and technical background, along with the leadership and decision making capabilities, will be combined to render the most benefit to the company.

**Qualification:**

May’2016-June’2017 Management Program in Manufacturing and Operation,

**Indian School of Business** (**ISB**)—Hyderabad

Supply chain Management and Analysis, Operation Management, System Optimization, Quality Mgt and Lean Manufacturing, Statistics Analysis, Manufacturing planning and Control, Forecasting methodlogy

2003-2005 Master of Engineering (M.E.)-CAD/CAM & Robotics

Thapar Institute of Engg. & Technology, Patiala-Punjab

1996-2000 Bachelor of Engineering (B.E.)-Production

Nagpur University

**Other Certifications/ Patents:**

Six Sigma **Green Belt** Certified---International Institute of Six Sigma

Patent: Rotary Handle with Weld Indication--2903/CHE/2010 for Schneider Electric

**Summary:**

Overall 13 years Professional experience in life cycle project -Project Management and Product development (Feasibility to

 Production level based on PMP and Six Sigma approach)

Competent of leading Innovation development strategy for businesses

Technologies worked on: Robust Design, manufacturing process, Quality Assurance (PPAP, APQP), Capacity

 Optimization,

**Strengths:**

Customer first attitude Good Customer handling capability Self-motivated and well Organized

Take Initiatives Good troubleshooting& problem solving skills Good team & Project handling skills

 Global Culture experience Positive attitude, Forward thinking Cross-cultural, cross-functional

**April’2017-May’2017**

 MBA’s Live Project:

1. Demand Management Analysis **(Honeywell International, Gurgaon**)

2. Operation Efficiency Improvement-by Process Mapping Improvement, develop new strategies for supplier development, Analysis Past Sale Performance by Forecasting Technique (**Triveni Electroplast Pvt Ltd**)

**April ‘2014 Onward**

**Innovative Engineering Solution, Gurgaon**

NPI, Product Development, Value Engineering, Reverse Engineering, Vendor Development, Process Improvement,

Capacity planning, Cycle time optimization, Risk mitigation, Techno-Commercial, Technology Transfer for ‘Make in

India’ (Understand the Last mile Connectivity Problem and find the Inventor in Global market to provide the Solution

and developed the Business plan , Technical feasibility for setup manufacturing plant in India)

Projects Undertaken:

- Energy Management: Smart Energy Meter Client.

Client: Agnitio Technology Pvt Ltd, Ernon Energy ltd

- Medical Equipment: Operation Theatre Light, Operation Theatre Bed.

Client : Techno India

- Automotive parts Development- Switches Client: Small Scale Manufacturer

**Dec 2010-March 2014**

**Socomec India Pvt. Ltd., Gurgaon – (European MNC)**

Job Profile:

Responsible for **New Product Development** and Project Management. Led cross functional team that

 involved multiple functions of R&D (Mechanical, Electronic, Software, and Test lab), Manufacturing, Tool

 & Vendor development, Quality, Purchase and Industrialization.

**Project Management** - Project Plan, Scheduling, Product Costing, Expenditure Report, Tracking,

 Verification plan and Risk Management plan, Milestone tracking @45

**Pilot Production line setup** as per defined BOM and Defined the setup for sub-assembly/ assembly and automatic

 Testing machine parameter.

 Translate business goals into product specifications and Project Requirement gathering from client/ Onsite.

 Managed Product life cycle with Global & Cross Functional Teams and responsible for customer satisfaction.

 Managed **Product development life cycle** following PMP tollgates and deliverables.

 Led Technology Transfer from France to India

 Defined critical & significant parameters in product & checking methods for Component.

Deal with Global and Local vendors for parts development as per product requirement.

Managed and Developed project resources and motivate them for their best performance during critical timelines

 with other Dept Heads

* ECN Management wrt different variant and new change in product and same in Production.

Process Improvement by –Six Sigma, Statistical Analysis, and Batch sample analysis

Projects Undertaken:

1. NPI – Automatic Changeover Switches (ATyS)-Automation-- Application: Automotive, Railways-PMP and Six Sigma based Project
2. NPD for Load break Switch controlled by Pneumatic system

**Achievement:**

**Manufacturing Excellence:**

Pilot Production line Setup- by DFM, DFA, Poka-Yoka, and Production BOM with Automatic Test bench setup.

Process Capability Implemented– For Parts & Complete product Qualification by Six Sigma tools (Control Chart, DMAIC),

 tolerance stack-up analysis, Statistical Sampling.

**Innovation, Cost Reduction:**

 30% reduction in the no. of parts (wrt existing similar product in Market) by Innovation and by technology (Robust design methodology, DFM, DFA, Value Engineering) for Cost Saving, less number of parts, and less assembly time.

Key Person for Project Execution with R&D, Lab, Quality, Vendor Development, Industrial and Tool dept. for successfully

 Implement to launch the Product to the global market in tight scheduled environment.

**July 2006 – Sep 2010**

**Schneider Electric Pvt Ltd, Bangalore**

Job Profile:

Lead the Project –Project Management (Project Charter,RFP, WPR, Milestone Tracking, Project Costing file, Risk Mgt.)

 and Detailed life cycle product development (Feasibility, Detailed Design, Process Design, Quality Assurance, part and

 process Development, Parts Quality Verification and Validation, Pilot production line setup)

Responsible for Vendor Selection and parts development as per the specification.

Developed parts / components Qualification based on statistical analysis, Risk Analysis, FAIR Report for production

 batch samples.

Verification & Validation of the Product at System level (Co-ordinate all the test as per IEC Standard)

 Project1: NPI/NPD of the Rotary Handle Product.-**PMP based Project** (It is used to operate Circuit Breaker outside the

 Enclosure for ON, OFF, Trip or to show weld Indication in case of terminals weld.)

 Project2: NPI-Design and Development of Auxiliary Contact breaker Product.

**Achievements:**

* Patent Filled –Product Development with lot of new design features (Approx. 15 claims in full product) and successfully launched in the global market
* GlobalTechnology Transfer from France R&D to India R&D
* Took lead for other Projects’ critical problem and solution (Reduce parts under Technology Innovation Approach)
* Changed unsatisfied customer Index to Satisfied customer Index
* Reduced Cost and Defects level in the Existing product by Robust Design and Six Sigma approach
* Led Multiple projects single handled- Including Design, Development (Mfg. and Industrial Support), Scheduling and costing

**Nov 2005-June 2006**

**Havells India Pvt Ltd, Noida**

Design and Analysis of the assembly mechanism for MCB product w.r.t. Robust Design and Development Approach.

FEA Structural Analysis of the Individual part for Cost saving and Strengthening Endurance limit.

**Achievement:**

Reduced the Defects level (in PPM) and saved the tool design cost with changes in the design within the product specification.

**April 2001-June 2003**

**Hindustan Fabrication, Delhi**

* Design and Development of Turbine Casing parts by CAD technology.
* Worked on manufacturing process for Casting and sheet metal parts.
* Structural analysis of the old parts and compare with test result data to implement same technique for new parts.

**Technologies worked on**:

* Top–down Assembly Design approach (Skeleton Modeling for product Robust Design and for key Positioning).
* Experience on Material Selection, Manufacturing process.
* Prepare the Design Document files (FC Dashboard, PPAP, APQP)
* Six Sigma Projects.
* DFSS, QFD, Pugh matrix, FMEA activity for robust design and cost reduction, Easy manufacturing and Assembly.
* Functional Condition identification, tolerance stack–up analysis, GD&T, DFA and DFM.
* Prototype Sample Preparation and Analysis for the performance decision.
* Knowledge of Moldflow behaviour in plastic part design.
* Plastic parts design, Sheet metal parts, Casting parts, and failure analysis
* Mechanism Design (Kinematic link Analysis)

**Personal Details:**

Married

27th Nov 1978(DOB)/INDIAN

Enjoy: Music, Traveling, swimming