

PROFILE SUMMARY

Personable and tenacious professional with years of experience, abilities and skill in industrial engineering and automobile engineering, and also additional skills and knowledge in the aspect of continuous improvement engineer and CNC operator. I display an outstanding ability to plan, operate, multitask, organize, coordinate, and implement practices and procedures to bring significant improvements in processes towards the successful attainment of goals.

CORE COMPETENCIES

- Supply Chain Management
- Policies & Procedures
- Agile Project Management
- Organizational Development
- Root Cause Analysis
- Lean Six Sigma
- Kanban, 5S
- Procurement
- Operational Management
- Value Stream Mapping
- Total Productive Maintenance
- Statistical Software: MINITAB
- AUTOCAD and SOLIDWORKS
- MasterCam
- ISO Literate
- SAP ERP/MRP Literate
- Analytic and Data Mining
- Statistical Process Control
- Work Flow and Documentation
- Operation Management
- CNC Programming (G & M Code)

EXPERTISE AND COMPETENCIES

- **Active Listening:** Giving full attention to what other people are saying, taking time to understand the points being made, asking questions as appropriate, and not interrupting at inappropriate times.
- **Complex Problem Solving:** Identifying complex problems and reviewing related information to develop and evaluate options and implement solutions.
- **Coordination:** Adjusting actions in relation to others' actions.
- **Critical Thinking:** Using logic and reasoning to identify the strengths and weaknesses of alternative solutions, conclusions or approaches to problems.
- **Judgment and Decision Making:** Considering the relative costs and benefits of potential actions to choose the most appropriate one.
- **Management:** Coordinating and guiding others to meet objectives and goals.
- **Monitoring:** Monitoring/assessing performance of other individuals, or organizations to make improvements and take corrective action.
- **Multitasking:** Juggle multiple tasks and responsibilities while remaining composed and meeting deadlines.
- **Relationship Management:** Conflict resolution, motivating, organizing, troubleshooting and establishing rapport.

SELECTED EXPERIENCE

Continuous Improvement Engineer | Sai Micro Systems - Gujarat, India | December 2016 – December 2017 |

- Established continuous improvement/lean vision for the organization and partner with key leaders and individuals to execute the vision
- Participated in value stream mapping, root cause analysis, waste identification, modelling, identifying issues and opportunities, forming hypotheses, collecting and analyzing data, analyzing processes, synthesizing conclusions and apply lean principals across the application life-cycle and System Development Life-cycle
- Ensured existing processes maintain a high level of performance while continuously reviewing and refining those processes to make additional improvements
- Work under time constraints to meet deadlines within budget
- Developed, Implemented, updated, and maintained strategy and methodology for business process excellence/continuous improvement including execution and improvement methodologies (Lean Manufacturing, Six Sigma, 5S etc)
- Shown ability to generate results through thoughtful process change and thoroughly leading people to deliver sustained results

CNC Operator | FAG India Pvt Ltd. - Gujarat, India | July 2014 – July 2016 |

- Perform part set ups, write and or edit M and G code programs, perform quality check on first article and every twenty parts after for quality assurance using calipers, height gauge, micrometers, depth gauges, and gauge pins. Conduct preventive maintenance on machines
- Studied blueprints or layouts on workpiece to determine sequence of operations and finished dimensions of workpiece. Taught students about effective time management strategies, along with helping them understand the cost of failure
- Supervised / trained new employees in the set up & operation of CNC mills
- Engage in daily, weekly, and monthly maintenance tasks to keep machines operating smoothly and reduce the occurrence of time lost due to repairs.

Director of Events | International Student Society - Windsor, ON | March 2018 – March 2019 |

- Handled and designed events of University of Windsor for entire year
- Solved any kinds of problems of the members of ISS
- Improved efficiency of events
- Promptly responded to Requests for Proposals and other guest correspondence

EDUCATION

University of Windsor - Windsor, ON
Masters in Industrial Engineering
January 2018 – January 2019

A. D. Patel Institute of Technology - Anand, Gujarat, India
Bachelor of Engineering in Automobile Engineering
May 2013 – June 2017

CERTIFICATIONS

- Lean Six Sigma White Belt Certified (LSSWB)
- Six Sigma Green Belt Certified (SSGBC)
- Project Management Essentials Certified (PMEC)
- 5S Concept Certified (5SC)TM

ACADEMIC PROJECTS**Fast Fourier Transform: In Digital Signal Processing using MATLAB | September 2018 – January 2019 |**

- Achieved the aim of converting the time domain signal to the frequency domain signal
- Performed Fast Fourier Transform on various digital faulty signal from Ball Bearing
- Differentiated various Normal, F1(Fault in inner diameter), F2 (Fault in outer diameter) to better understand the dynamics of the Signal
- Calculated statistical parameters such as mean, Rms, Variance and Kurtosis using MATLAB

Simulation and Assembly of Forklift Truck using CAD software (SOLIDWORKS) | May 2018 – August 2018 |

- Designed and assembled various parts of Forklift Truck using SolidWorks software
- Performed stress-strain analysis on moving parts in the assembly using ANSYS software

Optimization of Production line using Lean Manufacturing Principles | January 2018 – May 2018 |

- Improved throughput rate by proposing Modular Assembly Line Technique (3-2-1 rule)
- Reduced excessive motion of the material with 5S principle and redesigned plant layout
- Implemented Lean Manufacturing tools such as Value Stream Mapping, 4M1D Fishbone Diagram, Yamazumi Chart, 5W1H analysis
- Improved Process Cycle Efficiency from 5% to 21% and overall equipment effectiveness from 68% to 78%

GENERAL SKILLS & ABILITIES

- Possesses a positive, energetic and professional attitude
- Achieving goals, creative/strategic thinking and problem solving
- Demonstrated ability to work and perform at the highest standards in complex and demanding environments
- Excellent ethics, hardworking, focus minded and sound organizational ability
- Flexible to change with excellent planning and execution skills and works well within the constraints of tight deadlines