

Education**University of Houston, Cullen College of Engineering, Houston, TX**

Masters in Industrial Engineering (GPA – 3.3/4)

August 2015-May 2017

Gujarat Technological University, Indus Institute of Technology &Engineering, Gujarat

Bachelors in Mechanical Engineering (CGPA-3.5/4)

July 2011-May 2015

Lean Six Sigma Green Belt, University of Houston

Dec 2016

Rigging and Material Handling certified, OSHA

Oct 2016

Skills & Abilities

Excellent understanding of mechanical processes, machine usage & repair, design techniques and principles for manufacturing
 Highly skilled in mathematics and applying subjects like arithmetic, calculus, geometry, trigonometry, statistics in my work
Lean operations: 5S, Kaizen, Kanban, Gage R&R, process capability, Value stream mapping, Time study, JIT, DMAIC, PDCA, TQM
Software: AutoCAD, Solidworks, Minitab, MS Office, JMP, Excel solver, SAP

Work Experience**Production Supervisor – Aramark Uniform Services - South Bend, Indiana**

Jul 2017 – Present

- Working in a fast-paced environment with cross functional team to meet daily production timeline
- Reduced production shortages from 30% to 5% with excellent organizational skills
- Optimized inventory facility planning and Improved material handling by modifying structure with the aid of AutoCAD
- Analyzed technical malfunctions and methodology and applied lean methodology, resulted in 21% fewer machine turn times
- Developed training material and structure for garment sorting system led reduction in training cost
- Working on a project to install new scan assistant technology that will improve quality and reduce labor in sorting garments

Warehouse Lead/Stand Lead – University of Houston - Aramark

Aug 2015 – May 2017

- Successfully led the 5S project to Increase warehouse cubic utilization, facilitating higher service level
- Leading and managing a support staff in a high paced work environment to ensure customer satisfaction
- Ensuring fill rate of 95% meeting peak demand forecasted by qualitative methods with excellent inventory management
- Communicating and coordinating with management and support staff for continuous improvement of processes and operational efficiency

Industrial Engineer Intern - Radia Enterprise, Houston

May 2016 – Aug 2016

- Pioneered more time efficient and sustainable order filling method that led to a reduction in pick up errors
- Created and Successfully completed Lean Kaizen project by improving order accuracy from 95% to 99%
- Worked with vendors and suppliers to learn supply chain process
- Performed BOM and Routing updates in the ERP system(SAP) ensuring accurate back scheduling
- Trained in an inventorial system (SAP) to effectively record, ship, and order inventory

Retail Store Owner – Sidhsheshvary Novelty - Ahmedabad , India

- Processed, renewed, and kept accurate accounts of all incoming and outgoing sales and purchases
- Oversaw selection of products for purchase and display
- Executed and managed all major business practices
- Created and implemented marketing plans and effective strategies to improve sales, growing in each consecutive year

Projects**Lean six sigma project – Blackwell Plastics**

Sep 2016-Dec 2016

- Planned and executed project for increasing throughput for manufacturing process by performing DMAIC tools.
- Optimized manufacturing process by process mapping then applied Gauge R&R studies for validating target specification and analyzed the data using JMP software for process capability studies
- Performed Root Cause Analysis and came up with solutions to improve performance standards and throughput

Effect of friction stir welding parameters on different properties of aluminum alloy welds

Sep 2016-Dec 2014

- Different parameters like tool profile, spindle speed, and feed rate were varied for FSW (friction stir welding)
- Properties of aluminum alloy 6061T6 like tensile strength, surface hardness, and microstructure were undergone the test
- Optimal parameters were selected for FSW process for better properties

Facility Planning – Quantitative Warehouse Modeling – Piping Technology and Production Inc.

Aug 2016-Oct 2016

- Analyzed initial storage pattern data, Calculated distances between SKUs and docks with usage Layout which was created with AutoCAD
- Provided optimal solution for minimum handling of material through warehouse modeling by organizing SKU's storage space