Email: shaleens25@gmail.com
Mobile: 226-260-2747
Residence: Scarborough ON.

SHALEEN SHAJI

SUMMARY

Hardworking Mechanical Engineer with 3+ years of Industry experience. Seeking to utilize my skills, abilities and accredited educational knowledge to excel and advance in a more prominent long-term role.

GitHub : https://github.com/Shaleens1994

KNOWLEDGE

- JAVASCRIPT, NODE JS, EXPRESS, REACT, GRAPH QL
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- AutoCAD - 3+ years
- Catia V5 – 4+ years
- Solid Works- 3+ years
- Siemens NX - 2+ years
- Microsoft Office - Word, Excel, PowerPoint
- Proficiency with numerous standard Lean Tools (FMEA, VSM Spaghetti Diagrams, 5Why)
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SKILLS & ABILITIES

- Highly passionate & curious to learn
- Time Management & Leadership skills
- Attention to detail & Meticulously organized
- Material optimization through Lean Manufacturing
- Ability to work independently and in collaborative team roles
- Excellent Customer Service and Communication etiquette

PROFESSIONAL EXPERIENCE

FULL STACK DEVELOPER STUDENT
UOFT CODING BOOT CAMP

- Knowledge in c++, javascript, Node js React, MongoDB
- Done projects like gaggle- A chat app and API search engine to find top 20 music for regions with added youtube links to the music despalyed
- Multiple Projects with Boot camp with Githyb repos.

INDUSTRIAL ENGINEERING TECHNOLOGIST, SEIGNET PRECISION TOOL & MACHINE INC.
January 2019 – December 2019

- Advanced knowledge of machining processes, tools and machines.
- Process improvement & suggestion of new procedures to improve efficiency and productivity.
- Efficiency improvement through work flow analysis and work cell layout.
- Implementation of lean standards by plotting Current State VSM & Future state VSM, Line Balancing & FMEA.
- Root cause identification through 5Why analysis to find reasons for defective connecting rods in the production line.

- Implementation of 5S and improving the work cell ergonomics.
- Documentation of manufacturing procedures and blueprint reading.
- Conducted time study analysis & work measurement through MOST analysis.
- Plotting and suggesting improved part and operator movement through Spaghetti Diagrams.

PROCESS ENGINEER, INTERN - BASF CANADA
September 2018 – December 2018

- Production flow optimization with lean manufacturing principles and suggested improvements which will result in increase of cycle efficiency from 0.84% to 2.29%.
- Productivity increase in work cells by improving the ergonomic standards.
- Current state VSM plotting and Future state VSM after providing suggestions and improvements.
- Plotting of Pareto Charts to identify the Cost of Poor Quality. By separating the losses into 'vital few' & 'trivial few'.
- Process improvement in ware houses by suggesting FIFO system, Climate Control to prevent loss of inventory and Order Management for raw materials through realistic demand planning and requirement.
- Knowledge of Control Plans, FMEA and Process Flows.
- Cycle time improvement in the Agitation process by 5W1H and further the usage of 5Why, which helps to identify the root cause.
- Online weigh management system is suggested to help maintain a continuous flow system.
- Plotting of Current State Spaghetti diagram and suggestion of a more simplified flow through a Future State Plot.
- Fish-bone Diagram – For identifying the root causes for color variation in the tinting process.
- Process improvement through reduced batch size for problem localization and quick customer feedback to make changes.

INDUSTRIAL ENGINEER - VELLOOR NEWSPRINT LIMITED.
September 2015 – August 2017

- Supervised and handled a team of people for the maintenance and service of machines.
- Maintained a clean, safe and efficient work environment by following the 5S principles.
- TPM process in the plant by studying the machine requirements.
- Implementation of Poka-Yoke technique.
- Weekly production planning and executing SKU's for production units.
- Improving the productivity of paper manufacturing by 22%.
- Time studies and preparation of VSM.
- Tools usage including Line balancing, Standard work, Value Stream Analysis, Quick Changeover (SMED), Total Productive Maintenance.
- Performed root cause analysis for quality related issues.
- Coordination of maintenance and repair services to keep the machine operational.
- Trial run and fault analysis.
- Preparation of flow charts, work instructions and operator training.
- Training workshops and classes to improve knowledge.
- Repair and parts changing.

- Experience in scheduling of workforce, machine and inventory planning and allocation.
- Cross check and study of faulty components to provide reasons for fault occurrence.

EDUCATION	**UNIVERSITY OF WINDSOR - 2017-2018** Master of Engineering in Mechanical Engineering CGPA: 8.6 **MAHATMA GANDHI UNIVERSITY - 2012-2016** Bachelor of Technology in Mechanical Engineering
LANGUAGES	English (Advanced) / Hindi (Fluent)
VOLUNTEER	• Windsor Open Streets • Charity to help vulnerable youth and non-profit for kids in sports • Helping of Homeless

References available upon request