

Amina Patel

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SUMMARY

Results-driven Lean Manufacturing Specialist with over 5 years of experience in process improvement and waste reduction. Proven track record of implementing Lean methodologies that lead to increased efficiency and significant cost savings.

EXPERIENCE

Lean Manufacturing Specialist

Jan 2022 - Present

Innovative Solutions, Inc., Atlanta, GA

- Led a Kaizen project that improved production efficiency by 25%, reducing cycle time from 40 to 30 minutes per unit.
- Implemented 5S methodology across the plant, resulting in a 15% reduction in inventory holding costs, equating to \$150,000 in annual savings.
- Trained 50+ employees on Lean principles and tools, enhancing overall team performance and engagement.

Manufacturing Engineer

Jun 2018 - Dec 2021

Tech Manufacturing Co., Savannah, GA

- Developed and deployed a value stream mapping initiative that identified bottlenecks, leading to a 20% increase in throughput.
- Collaborated with cross-functional teams to redesign process layouts, improving worker ergonomics and reducing waste by 18%.
- Utilized DMAIC methodology to solve complex manufacturing problems, achieving a defect reduction rate of 30%.

Process Improvement Intern

May 2017 - May 2018

Global Manufacturing Ltd., Atlanta, GA

- Assisted in the implementation of Lean Six Sigma projects, which led to an annual saving of \$80,000 through reduced scrap rates.
- Conducted data analysis on production metrics, supporting management in strategic decision-making.
- Participated in continuous improvement teams focused on quality control measures.

EDUCATION

Bachelor of Science in Industrial Engineering

May 2018

Georgia Institute of Technology, Atlanta, GA • GPA: 3.7

SKILLS

Technical Skills: Lean Manufacturing, Six Sigma, Value Stream Mapping, Process Optimization

Tools & Frameworks: AutoCAD, Minitab, Microsoft Excel, Kanban