

Aisha Patel

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SUMMARY

Detail-oriented Manufacturing Engineer with over 5 years of experience in process optimization and production efficiency. Proven track record of implementing lean manufacturing techniques to improve productivity and reduce costs.

EXPERIENCE

Senior Manufacturing Engineer

Jan 2022 - Present

Tech Innovations Inc., Atlanta, GA

- Increased production efficiency by 25% through the implementation of lean manufacturing principles.
- Reduced operational costs by \$150,000 annually by optimizing supply chain processes and vendor negotiations.
- Led a cross-functional team in the redesign of a key production line, resulting in a 30% reduction in cycle time.

Manufacturing Engineer

Jun 2018 - Dec 2021

Precision Parts Corp., Atlanta, GA

- Developed and implemented process improvements that reduced waste by 15%, saving the company \$75,000 per year.
- Managed equipment upgrades and maintenance schedules, increasing machine uptime by 20%.
- Collaborated with R&D to streamline product design processes, reducing time to market by 10%.

Manufacturing Intern

Jan 2018 - May 2018

Global Manufacturing Solutions, Atlanta, GA

- Assisted in the analysis of production line performance, contributing to a reduction in defects by 5%.
- Participated in the development of a new training program for assembly workers, which improved onboarding time by 20%.

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, Process Optimization, Root Cause Analysis

Tools & Frameworks: AutoCAD, SolidWorks, MATLAB, SAP