

LISAMARIE ZIGMOND

Senior Manufacturing Engineer

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1234 Oak Street, Baltimore, MD 21201



PROFILE

A Senior Manufacturing Engineer with 5 years of experience in driving efficiency improvements, optimizing production processes, and implementing cost-saving solutions across various industries. Proficient in lean manufacturing principles, automation technologies, and project management. Demonstrates strong analytical and problem-solving skills to enhance product quality, streamline operations, and ensure adherence to industry standards. Adept at leading cross-functional teams, fostering a culture of continuous improvement, and driving manufacturing excellence.

LINKS

[linkedin.com/in/lisamariezigmond](https://www.linkedin.com/in/lisamariezigmond)

SKILLS

AutoCAD

SolidWorks

Lean Manufacturing

Six Sigma

PLC Programming

Robotics Integration

Finite Element Analysis

LANGUAGES

English

Bengali

EMPLOYMENT HISTORY

Senior Manufacturing Engineer at Northrop Grumman, MD

Mar 2023 - Present

- Successfully reduced production cycle time by 20% through the implementation of lean manufacturing principles, resulting in a cost savings of \$1.5 million annually for Northrop Grumman.
- Led a cross-functional team to identify and resolve critical assembly bottlenecks, increasing production efficiency by 15% and reducing labor costs by \$800,000 per year.
- Developed and executed a comprehensive training program for over 100 manufacturing personnel, resulting in a 25% reduction in assembly errors and a 10% increase in overall productivity.
- Implemented an innovative quality control system that reduced product defects by 30% and increased customer satisfaction ratings by 12%, contributing significantly to securing a \$50 million contract renewal with a key client.

Manufacturing Engineer II at Lockheed Martin, MD

Jul 2018 - Feb 2023

- Led the implementation of a new automated assembly line, resulting in a 25% reduction in production time and a 15% increase in overall efficiency.
- Successfully reduced manufacturing costs by 10% through the identification and elimination of bottlenecks, optimization of resource allocation, and implementation of lean manufacturing principles.
- Spearheaded a cross-functional team to redesign a critical component, improving its reliability by 30% and extending its service life by 20%, leading to a \$500,000 annual cost saving for the company.
- Developed and executed a comprehensive training program for new hires, reducing onboarding time by 50% and increasing first-year retention rates by 15%.

EDUCATION

Master of Science in Mechanical Engineering at University of Maryland, College Park, MD

Aug 2014 - May 2018

Relevant Coursework: Advanced Materials, Finite Element Analysis, Fluid Mechanics, Heat Transfer, Robotics, Mechanical Design, Dynamics and Control, Thermodynamics, Computational Methods, and Manufacturing Processes.

CERTIFICATES

Certified Manufacturing Engineer (CMfgE)