Michael Smith

Industrial Engineer | Advanced Computing | Sensors and Communications Technologies

+1-541-754-3010 help@enhancv.com linkedin.com Los Angeles, CA

SUMMARY

With over 10 years of experience as an Industrial Engineer, I have a proven track record in developing efficient manufacturing processes, implementing LEAN principles, and leading successful projects. My technical skills include CAD, automation software development, and process modeling. One of my biggest achievements was the development of an automated assembly process that reduced assembly time by 25%, leading to significant savings.

SKILLS

LEAN Manufacturing | Root Cause Analysis | Project Scheduling | Process Modeling | Design of Experiments | CAD (Creo, SolidWorks, NX, Catia) | Automation Software Development | LabVIEW | MATLAB | C++ | Precision Alignment Systems

STRENGTHS

Problem Solving
Successfully led a team to identify and rectify bottlenecks in production line, increasing efficiency by 20%.

Project Management
Managed a team of 10 engineers to complete a major project 2 weeks ahead of schedule, saving $50,000 in resources.

Innovation
Developed a new automated process that reduced assembly time by 30%, leading to a significant increase in production.

EXPERIENCE

Industrial Engineer

Lockheed Martin

2019 - 2023 Los Angeles, CA

Led a team of engineers in the development and implementation of new manufacturing processes.

- Implemented a new automated assembly process, reducing assembly time by 25% and saving $100,000 annually.
- Led a project to redesign the factory layout, improving workflow and increasing productivity by 15%.
- Developed a new scheduling system, reducing project completion times by 10%.

Manufacturing Engineer

Northrop Grumman

2016 - 2019 Los Angeles, CA

Worked on the design and implementation of manufacturing processes for aerospace components.

- Designed and implemented a new quality control system, reducing defects by 20%.
- Managed a project to upgrade manufacturing equipment, increasing production capacity by 30%.
- Implemented Lean Manufacturing principles, reducing waste by 15% and saving $50,000 annually.

Process Engineer

Raytheon Technologies

2013 - 2016 Los Angeles, CA

Worked on the development and optimization of manufacturing processes for defense systems.

- Developed a new process for the assembly of electronic components, reducing assembly time by 20%.
- Implemented a new inventory management system, reducing stockouts by 30%.
- Led a project to upgrade manufacturing equipment, increasing production capacity by 25%.

EDUCATION

Master of Science in Industrial Engineering

University of Southern California

2011 - 2013 Los Angeles, CA

Master of Science in Chemistry

University of Michigan

2007 - 2011 Michigan

KEY ACHIEVEMENTS

Automated Assembly Process

Developed a new automated assembly process that reduced assembly time by 25%, leading to significant cost savings.

Factory Layout Redesign

Led a project to redesign the factory layout, improving workflow and increasing productivity by 15%.

Quality Control System

Designed and implemented a new quality control system, reducing defects by 20% and improving product quality.

Senior Developer at Tech Corp (2050-2053)

John Doe

Senior Developer at Tech Corp (2050-2053)

123-456-7890

john.doe@example.com

www.xyz.yz