

# Anthony Hopkins

## Process Engineer

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### SUMMARY

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Driven and detail-oriented Process Engineer with over 5 years in manufacturing and continuous improvement. Passionate about applying Lean and Six Sigma methodologies to enhance operational efficiencies and drive safety improvements. Proficient at analyzing process KPIs, I identify areas for optimization that yield substantial value. Experienced collaborating across teams to solve complex challenges and achieve organizational objectives, while fostering a culture of safety and quality. Eager to bring expertise and innovative ideas to contribute to team success at Innovative Film Solutions, Inc.

### EXPERIENCE

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#### Process Engineer

Innovative Film Solutions, Inc. 📅 March 2023 - Present 📍 Greenville, SC

Key technical leader on the manufacturing floor, responsible for driving safety, quality, productivity, and cost improvements while collaborating closely with cross-functional teams.

- Lead technical troubleshooting initiatives addressing quality and productivity challenges, improving overall efficiency.
- Analyze process KPIs for trend identification, resulting in strategic adjustments that significantly enhance yield.
- Develop and sustain Standard Operating Conditions (SOCs) crucial for consistent production quality and compliance.
- Conduct root cause analyses on process failures, implementing corrective actions to notably reduce downtime.
- Collaborate with diverse teams to streamline operations, supporting new product development for market readiness.
- Mentor operators on equipment use and safety protocols, cultivating a robust safety culture.

#### Manufacturing Engineer

Advanced Materials Corp. 📅 June 2021 - February 2023 📍 Anderson, SC

Focused on enhancing production workflows and optimizing processes while ensuring strict adherence to regulatory standards.

- Spearheaded continuous improvement projects streamlining workflows, leading to reduced operational costs.
- Utilized Six Sigma methodologies to troubleshoot equipment anomalies effectively, lowering defect rates.
- Developed user-friendly process documentation bolstering onboarding efficiency for new manufacturing staff.
- Engaged in safety audits, guaranteeing compliance with industry regulations and internal policies.
- Partnered with R&D for seamless integration of new materials into production lines, meeting launch deadlines.
- Performed data analysis revealing performance insights, recommending actionable changes for improved operations.

#### Process Improvement Specialist

Precision Engineering Solutions 📅 January 2020 - May 2021 📍 Greenville, SC

Dedicated to identifying inefficiencies through detailed data analysis and implementing Lean strategies for increased effectiveness.

- Implemented Lean principles yielding substantial increases in throughput across various manufacturing operations.
- Conducted comprehensive analyses to pinpoint inefficiencies, executing targeted re-engineering of processes.
- Led workshops on Lean concepts promoting understanding throughout departments, enhancing collaboration.
- Facilitated transition initiatives toward new manufacturing technologies with minimal service disruption.
- Coordinated with quality assurance to align processes with regulatory standards, achieving full compliance.
- Contributed to project efforts focusing on capital investments, effectively balancing cost versus performance.

### LEADERSHIP & AWARDS

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- Recipient of the 'Excellence in Safety' award for promoting best practices across all operation levels.
- Recognized as an outstanding contributor for significant cost-saving innovations during the annual corporate review.

### EDUCATION

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#### Bachelor's Degree in Chemical Engineering

Clemson University 🎓 GPA: 3.7 📅 2021 📍 Clemson, SC

**Coursework:** Thermodynamics, Fluid Mechanics, Process Dynamics, Chemical Reaction Engineering

### CERTIFICATIONS

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- Lean Six Sigma Green Belt 📅 2022
- OSHA 30-Hour General Industry Certification 📅 2023

## TECHNICAL SKILLS

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- **Manufacturing Tools:** AutoCAD, MATLAB, Minitab
- **Data Analysis Tools:** Excel, SQL, Tableau
- **Project Management Tools:** Trello, Asana, Microsoft Project
- **Compliance Standards:** ISO 9001, ISO 14001, OSHA
- **Continuous Improvement Methodologies:** Lean, Six Sigma, Kaizen
- **Statistical Toolsets:** SPSS, R, Python
- **Safety Equipment:** PPE, Safety Goggles, Fire Extinguishers
- **Enterprise Resource Planning:** SAP, Oracle, NetSuite
- **Communication Platforms:** Slack, Microsoft Teams, Zoom
- **Documentation Tools:** Confluence, Google Docs, SharePoint

## SKILLS

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- Lean Manufacturing
- Six Sigma
- Process Improvement
- Data Analysis
- Project Management
- Technical Troubleshooting
- MS Office Suite
- Communication Skills
- Root Cause Analysis
- KPI Development
- Training & Mentoring
- Regulatory Compliance
- Lean Principles
- Capital Project Coordination
- Cross-Functional Collaboration

## PROFESSIONAL AFFILIATIONS

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- Member of the American Society of Mechanical Engineers, attending regional conferences to network.
- Active participant in local STEM outreach programs, promoting engineering careers to high school students.

## LANGUAGES

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- English (Native)
- Spanish (Proficient)

## ADDITIONAL INFORMATION

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**Work Status** : Authorized to work in United States. No sponsorship required.

## REFERENCES

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AVAILABLE ON REQUEST