

AMAL ROSS

SENIOR INDUSTRIAL ENGINEER

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STRENGTHS

- 📊 **Analytical Focus**
Expert at dissecting complex data to reveal insights that support actionable strategies. Emphasize solutions throughout graduation projects reflecting analytical prowess.
- 👥 **Collaboration Champion**
Build relationships across functions, earning respect among peers and leaders for facilitating teamwork and synergy in achieved tasks.
- 💬 **Effective Communicator**
Possess skills to clearly convey ideas, improving understanding of operational changes among diverse teams as a go-to resource for guidance.
- ⚙️ **Process Innovator**
Proven success devising solutions that streamline practices, recognized as instigator behind culture shifts toward Lean practices in organizations.
- ★ **Leadership Qualities**
Develop talent within teams by providing mentorship and support, guiding others towards continuous learning and competence growth.

SKILLS

Lean Manufacturing Data Analysis
Project Management
Microsoft Excel SQL AutoCAD
Warehouse Management Systems (WMS)
Continuous Improvement
Workflow Optimization

SUMMARY

Result-driven Senior Industrial Engineer with over five years optimizing warehouse operations and enhancing process efficiencies. Expertise in data analysis, project management, and engineering design, focusing on Lean manufacturing principles. Foster collaboration across cross-functional teams to drive operational improvements while ensuring compliance with safety and quality standards. Proven track record of boosting performance metrics, reducing costs, and implementing innovative workflow solutions. Eager to champion best practices and embrace organizational growth within a dynamic environment while leveraging analytical skills and leadership qualities.

EXPERIENCE

Senior Industrial Engineer

Innovative Solutions Inc. 📅 June 2022 - Present 📍 Cleveland, OH

Lead the industrial engineering team at Innovative Solutions, responsible for analyzing and restructuring warehousing processes, driving improvements in efficiency and compliance. Support operations by collaborating with leadership on strategic initiatives.

- Directed analysis and redesign of warehousing processes, realizing significant gains in operational efficiency.
- Collaborated with management to establish effective workflow plans, enhancing safety and productivity levels.
- Utilized SQL and Power BI in dashboard creation for KPI tracking, enabling informed decision-making.
- Conducted comprehensive time studies, establishing productivity benchmarks that streamlined staffing requirements.
- Partnered with vendors to integrate automated solutions, achieving substantial cost reductions.
- Educated staff on Good Manufacturing Practices, promoting a safer work environment.

Industrial Engineer

Dynamic Logistics Group 📅 March 2020 - May 2022 📍 Cleveland, OH

Facilitated improvement efforts as an Industrial Engineer focusing on reporting structures, layout designs, and compliance initiatives while advocating continuous operational enhancements with cross-functional stakes.

- Created and maintained essential performance reports, leading to identified opportunities for capability enhancements.
- Engineered efficient warehouse layouts via AutoCAD, effectively optimizing material flow and space usage.
- Employed data analysis to understand operational trends, driving impactful changes to boost quality.
- Guarded continuous improvement principles by leading multifaceted teams across various projects.
- Engaged seamlessly with stakeholders, aligning engineered solutions with prevailing business objectives.
- Promoted adoption of Lean methodologies, securing certification achievements for three teams in Lean Six Sigma.

Industrial Engineer

Efficiency Innovations 📅 January 2018 - February 2020 📍 Cleveland, OH

Contributed to broad-reaching improvements by implementing Lean principles aimed at reducing waste and creating enhanced productivity modes across multiple teams.

KPI Development

Safety Compliance Time Studies

Training & Development

Cross-functional Team Leadership

Performance Reporting

Cost Reduction Strategies

English Native

Spanish Intermediate

A donut chart with a dark blue center and an orange ring. The center contains the text "8.4 YEARS". The orange ring represents approximately 8.4% of the total.

8.4
YEARS

- Senior Industrial Engineer at Innovative Solutions Inc. (4.2 Years)
- Industrial Engineer at Dynamic Logistics Group (2.2 Years)
- Industrial Engineer at Efficiency Innovations (2.1 Years)

- ## LEADERSHIP & AWARDS

- ## EDUCATION

University of Cleveland 🎓 GPA: 3.8 📅 2018 📍 Cleveland, OH

CERTIFICATIONS

- ## TECHNICAL SKILLS

- ## PROFESSIONAL AFFILIATIONS

- ## ADDITIONAL INFORMATION

REFERENCES

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