

Amal Ross

Senior Industrial Engineer

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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.

- Applied Lean principles to minimize waste and foster increased productivity in warehouse settings.
- Executed thorough analyses to improve packaging processes, leading to quality enhancements and notable cost reductions.
- Authored instructional materials and organized workshops focused on Lean practices for operational staff.
- Cooperated closely with finance and engineering teams to identify and maintain productivity baselines.
- Constructed robust reporting systems for operational KPIs, facilitating engaging discussions on improvements.
- Collaborated with leadership teams pushing for change initiatives underpinning ongoing business management.

LEADERSHIP & AWARDS

- Lean Six Sigma Certification, awarded 2021
- Project Management Professional Award, received 2020

EDUCATION

Bachelor's Degree in Industrial Engineering

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

Coursework: Engineering Management, Operations Research, Quality Control, Manufacturing Processes

CERTIFICATIONS

- Lean Six Sigma Green Belt 📅 2021
- Certified Associate in Project Management (CAPM) 📅 2020

TECHNICAL SKILLS

- **Data Analysis Tools:** Excel, SQL, Power BI
- **Design Software:** AutoCAD
- **Warehouse Management Systems:** Oracle WMS, Manhattan Associates, SAP EWM
- **Communication Platforms:** Slack, Microsoft Teams, Zoom
- **Productivity Suites:** Microsoft Office Suite, Google Workspace
- **Project Management Tools:** Asana, Trello, JIRA
- **Reporting Applications:** Tableau, Crystal Reports, Looker
- **Process Improvement Techniques:** Kaizen, Six Sigma, Value Stream Mapping
- **Workforce Planning Software:** Kronos, Workforce Go, ADP
- **Maintenance Tools:** CMMS, Maximo, MP2

SKILLS

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|----------------------|--------------------------------------|-------------------------|------------------------------------|
| • Lean Manufacturing | • SQL | • Workflow Optimization | • Training & Development |
| • Data Analysis | • AutoCAD | • KPI Development | • Cross-functional Team Leadership |
| • Project Management | • Warehouse Management Systems (WMS) | • Safety Compliance | • Performance Reporting |
| • Microsoft Excel | • Continuous Improvement | • Time Studies | • Cost Reduction Strategies |

PROFESSIONAL AFFILIATIONS

- Member of Society of Industrial Engineers since 2020
- Participant in local Lean Collaboration Group, fostering community innovation initiatives

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST