

Pádraig Garrity

Contact



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PádraigGarrity



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Downtown, Vancouver BC

Certificates

- 6 Sigma Green Belt
- Full Driver's License
- ILM Level 3 Qualification: Leadership & Management
- NEBOSH (Health & Safety)
- ILM Project Management Essentials

Lean Management Courses:

- 5s
- TPI (Transactional Process Improvement)
- VSM (Value Stream Mapping)
- PSP (Problem Solving Process)

Description

Dynamic and results-oriented Engineer with a decade of experience across diverse engineering fields. Seeking a challenging role to apply my technical expertise and strategic thinking to drive innovation and achieve impactful outcomes. Proven track record of success in collaborative environments, utilizing Lean principles and project management methodologies to optimize processes and deliver exceptional results.

Education

Master's Electronic & Electrical Engineering

Queen's University Belfast, N. Ireland 2010-2014

Work History

Lead Process & Quality Engineer

Fortive - Qualitrol

Feb 2020 – Jun 2024

- Spearheaded initiatives to optimize production lines, resulting in a doubling of monthly revenue
- Managed product lifecycle from ideation to launch and beyond, overseeing development, testing, and go-to-market strategies.
- Conducted market research to identify unmet customer needs and define product requirements.
- Led cross-functional teams to develop and launch innovative products that exceeded customer expectations.
- Developed and executed product roadmaps, ensuring alignment with business objectives.
- Collaborated with engineering, design, and marketing teams to ensure seamless product deliver.
- Implemented Lean methodologies to eliminate waste, improve quality, and reduce costs across operations.
- Managed project timelines, budgets, and capacity to ensure successful project execution.
- Provided technical support to both production teams and external customers, ensuring smooth operations and customer satisfaction.
- Prepared detailed profit and loss reports to track financial performance and identify areas for improvement.
- Analyzed capital expenditure (Capex) breakdowns to optimize resource allocation and investment decisions.

Electrical Engineer

Terex Corporation

Aug 2018 – Feb 2020

- Involvement in the NPD cycle through system-level testing and validation
- Designed & Implemented Electrical schematics for Cabinets
- Drove the development of all new control system's software & Hardware
- Supported existing product portfolio upgrades through modification of existing designs
- Performed in-depth electrical & software acceptance testing.
- Modelling of electrical equipment/Harnesses (Creo)
- Helpdesk/Customer/Production support
- On-site customer service visits/installations/signoffs
- Developed engineering documentation detailing system requirements and diagnostic procedures.

Interests

- Travelling
- Currently learning Spanish
- Hiking
- Golf
- Gym

References

Available On Request



Business Process Analyst

Various Companies

Feb 2018 – Aug 2018

- Facilitated strategic partnerships with key customers to enhance customer satisfaction and drive business growth.
- Conducted in-depth assessments of internal processes to identify opportunities for optimization and cost reduction.
- Provided actionable recommendations and implemented innovative solutions to streamline operations and improve overall efficiency.
- Delivered comprehensive reports quantifying the projected savings in areas such as manpower, costs, and resource utilization.

New Product Development Engineer

Sensata Technologies

Jul 2014 – Aug 2018

- Undergo regular Continuous improvement & Cost reduction projects (Six Sigma/Lean Tools)
- Collating statistics, Data analysis, and compiling detailed Engineering reports
- Development and Integration of new products/processes into production cycles
- Provide technical support to production processes/Calibrations
- Take part in regular Customer Visits + Audits
- Liaising with Customers to ensure satisfaction with new products/processes
- Self-Management as well as working effectively in a Team Environment.
- Direct point of contact with Suppliers over Equipment and material issues
- Constantly in contact with Machine suppliers on potential new technologies
- Technical Support – Helpline for other production sites around the world
- Perform Evaluations of new Machinery/Processes (SATs + FATs)
- Provide Design feedback on Prototypes

Skills & Aptitude

- Project Management & Team Leadership (Agile)
- Strong Presentation Skills
- Well versed in Microsoft Excel
- Miro Boards/Smart Sheets/SalesForce/Oracle
- Highly competent in Windows operating systems & Microsoft Office Suite
- Can follow and design Electrical Schematics
- Experience with lab testing kits (Oscilloscopes, Voltmeters, etc)
- Computer Comms (Putty, Tera term, IP)
- Detailed and Analytical orientation with good logic & root cause skills.

Design:

- Electrical Schematics (E3 Schematics)
- Creo (3D Modelling)

Programming/Coding:

- LabVIEW
- Arduino
- Python
- PLC Programming (CoDeSys)

Languages: English – Native