Ryan Arzenti

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EXECUTIVE SUMMARY

- Effective leader with 8+ years of experience in engineering, manufacturing, and supply chain
- Analytical thinker with 5 years of experience in data analytics, extensively using ERP and MES systems
- Cloud Technology certified with strong programming skills, adept at connecting manufacturing and data systems

PROFESSIONAL EXPERIENCE

GE Renewable Energy – Charleroi, PA   **November 2022 – Present**

Customer Order Engineering Manager

- Manage $150M of customer orders for high voltage circuit breakers, demonstrating exceptional communication skills to coordinate effectively with clients and internal teams
- Effectively lead and mentor a diverse team of 6 engineers and 2 technical drafters to develop low voltage electrical schematics, mechanical drawings, and bills of materials to meet customer specifications
- Optimize data pipelines by developing Python applications to integrate with business databases
- Perform data analysis to prioritize cross functional teams, outline crucial milestones, and enable effective communication with customers
- Oversee new employee onboarding and training to handle a 30% increase in order volume

GE Renewable Energy – Charleroi, PA   **January 2022 – November 2022**

Configuration Management Engineer

- Managed software solutions enabling collaboration between sales, engineering, and manufacturing
- Developed data analysis applications in a variety of programming languages, exemplary in Python
- Administered ERP solutions and executed mass transactions, highly proficient in SAP
- Achieved 22-day (125%) improvement in change request response time through automating workflows
- Oversaw 56% reduction in errors to production caused by configuration software saving ~8 hours per week

GE Renewable Energy – Charleroi, PA   **August 2019 – January 2022**

Lead Engineer – Advanced Manufacturing

- Managed $750K in asset acquisition & led teams to commission equipment for new factory
- Developed code that manipulated data to optimize manufacturing processes
- Created solutions utilizing sensors & PLCs (programmable logic controllers) to automate manual processes
- Designed custom tooling and fixturing, competent in 3D modeling software & finite element analysis
- Established new single piece flow production line and improved area productivity by 25%
- Oversaw programming and commissioning of equipment and machinery

GE OMLP* Lean Acceleration – Greenville, SC   **November 2018 – August 2019**
*Operations Management Leadership Program

Corporate Lean Associate

- Project leader for machine design of a "right-sized" advanced coating system – developed proprietary nozzle
- Developed manufacturing component plan taking 7HA.02 gas turbine lead time from 48 to 39 weeks
- Mentored gas value steam OMLP capstone projects from scoping through closeout
- Leveraged SAP and tableau to create reports used by manufacturing executives to prioritize projects

GE OMLP 3rd Rotation – Greenville, SC   **March 2018-November 2018**

Global Inventory Leader

- Realigned $7MM of stranded inventory across value stream to facilitate inventory reductions
- Managed execution of the OMLP Graduation Kaizen with 18 teams, 158 participants, and $8.8MM benefit
- Completed process mapping that enabled reduction of turbine lead time from 78 to 48 weeks

GE OMLP 2nd Rotation – Salem, VA   **July 2017 – March 2018**

Operations Leader

- Led production line in a union environment to produce $4.5MM in revenue for the business
- Executed two new product introductions, and improved designs to eliminate drilling during assembly
- Prepared training documentation for local SAP implementation

GE OMLP 1st Rotation – Burlington, IA   **November 2016 – July 2017**

Fabrication Project Engineer
- Specified proper press brake and sheet metal punch tooling, well-versed in fabrication
- Completed PQPR analysis to determine sourcing and manufacturing requirements based on sales forecast
- Facilitated cross functional communication between engineering, sourcing, and manufacturing
- Managed team of three programmers to create product BOMs, routings, and machine programs

SKILLS

- Data Analytics	- Manufacturing	- Cloud Infrastructure
- Leadership	- Programming (Python)	- PLC Programming
- SAP / ERP Systems	- SQL / Databases	- MES Systems

EDUCATION

The Pennsylvania State University | University Park, PA | August 2012 – May 2016
- Bachelor of Science: Mechanical Engineering

CERTIFICATIONS

Amazon Web Services Cloud Practitioner

Lean Six Sigma Green Belt

Operations Management Leadership Program Graduate