

# Josiah Myhre

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Portfolio

## Summary

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Mechanical engineering student with extensive experience in technical sales, manufacturing support, and process improvement in production environments. Proven ability to design jigs and fixtures, create technical documentation, and collaborate with engineering and production teams to improve manufacturability and throughput.

## Skills

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**Design Tools:** Creo, SolidWorks, Fusion360, Blender

**Analysis:** MATLAB, Simulink, Mathcad

**Manufacturing:** Manual machining (mill, lathe), jig and fixture design, FDM, resin casting

**Tools:** Excel, Netsuite, Jira, Notion, G-Suite

## Work Experience

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**Technical Sales and Engineering Support Specialist**, Ergomart – Dallas, TX Jan 2025 – Present

- Supported manufacturing process improvements by identifying inefficiencies and collaborating with engineering and production to implement practical shop-floor solutions
- Designed and implemented custom jigs and fixtures for various processes to improve manufacturing repeatability and ensure consistent quality
- Created concise technical documentation, including assembly and installation instructions, to ensure accurate production and field deployment
- Served as a technical interface between customers, engineering, and production, translating application requirements into appropriate product configurations

**Customer Service and Sales Manager**, Ergomart – Dallas, TX Sept 2017 – Jan 2025

- Led and coordinated a cross-functional customer service and sales team, establishing standardized workflows to improve consistency and accountability across daily operations
- Identified recurring quality and execution issues and worked with engineering and production teams to implement corrective actions
- Managed complex product configurations by coordinating requirements between customers, engineering, and production to ensure accurate execution
- Worked with vendors to coordinate component purchasing and resolve availability or specification issues impacting production

**Production Supervisor**, Ergomart – Dallas, TX Sept 2013 – Sept 2017

- Led the implementation of a formal inventory system by organizing part storage and coordinating with ERP administration and shipping to establish accurate tracking and replenishment workflows
- Represented assembly operations in engineering design reviews, providing manufacturability and assembly feedback to support efficient production execution
- Supervised daily production operations to ensure assemblies were completed accurately and in accordance with quality and schedule requirements
- Supported production and field installation activities, including on-site installation of equipment in hospital environments in accordance with quality and safety requirements

**Outside Sales Person**, Fastenal – Irving, TX Mar 2012 – Sept 2013

- Implemented and maintained vendor-managed inventory (VMI) programs for industrial customers, coordinating replenishment and inventory levels to support production needs
- Managed industrial customer accounts, supporting component selection and order execution for fast-paced production environments

## Education

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**University of Texas at Dallas** - BS in Mechanical Engineering (3.75 GPA)

Expected August 2026

**Winona State University** - BA in Social Work

2010