

Alec Saar

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Professional Summary

Dynamic mechanical assembler with over 8 years of manufacturing and maintenance experience. Proficient in mechanical assembly, troubleshooting, blueprint reading, and preventive maintenance, combined with effective training and process optimization skills. Demonstrates strong independent work ethic and effective communication for on-time, quality project completion.

Work Experience

Machine Operator

Jems of michigan | Litchfield, MI

April 2024 to February 2025

- Monitored machine operations during production to detect issues and took corrective actions ensuring consistent product quality
- Collaborated with team members to troubleshoot problems and optimize machine performance, reducing downtime
- Assisted in training new machine operators on equipment operation and safety procedures, enhancing onboarding efficiency
- Maintained accurate production and quality control records supporting compliance and traceability
- Suggested process improvements to enhance productivity and reduce waste, contributing to cost savings
- Coordinated with maintenance technicians for preventive maintenance, minimizing unexpected breakdowns
- Optimized machine settings based on product requirements to increase throughput

Production Technician

Tenneco | Litchfield, MI

September 2023 to March 2024

- Performed setup, machine and weld adjustments, tooling changes, and machine repairs to maintain continuous production flow and equipment functionality

Shift Lead/ Maintenance

Jems 2(formerly wilco tooling) | Reading, MI

July 2019 to September 2023

- Conducted quality audits using calipers, micrometers, and custom gauges to uphold product standards and ensure precision
- Performed machine and equipment maintenance, including repair welding and machining (turning and milling), to minimize downtime and extend equipment lifespan
- Set up saws to meet specific production requirements, reducing setup time and improving efficiency
- Supported production operations as needed to maintain workflow continuity
- Managed unloading of raw materials and movement of finished parts to designated storage or shipping areas

Shift Lead/ Maintenance
Wilco tooling and manufacturing | Reading, MI
August 2015 to July 2019

- Performed machine and equipment maintenance and repair welding and machining (turning and milling) to ensure operational reliability
- Conducted quality audits to maintain product standards
- Set up saws and supported production processes to meet manufacturing goals
- Managed unloading of raw materials and movement of finished parts efficiently

Welder and shipping
4ever aluminum | Camden, MI
March 2015 to July 2015

- Performed aluminum MIG welding to fabricate and repair products according to specifications, supporting assembly quality
- Operated press machinery and saws to shape and cut aluminum components with precision
- Conducted vehicle maintenance to ensure safe and reliable deliveries
- Delivered orders to customers, ensuring timely and accurate shipments

Press Operator
Toledo tool and die | Pioneer, OH

- Operated stamping press machinery to assemble and produce high-quality stamped metal parts meeting precise specifications and production targets
- Inspected finished products for defects or imperfections, implementing corrective actions to maintain strict quality standards
- Contributed to a fast-paced team setting, supporting efficient workflow

Education

Software Engineering (Associate of Applied Science)
Jackson College | Jackson, MI
September 2024 to Present

General Studies (High school diploma)
G.E.D plus | Little Rock, AR
September 2010

Upper secondary education

Skills

Mechanical assembly **Electrical experience** **Mechanical knowledge** **Machine operation** **Electrical wiring** **Mechanical troubleshooting** **Blueprint reading** **Hand tools** **Digital Volt Meter** **Process Optimization** **Quality Audits** **Training Development** **Computer skills** **Communication skills** **Ability to follow instructions**

Languages

English

Military Service

Specialist | Army national guard | United States

September 2010 to May 2015

Description

Deployment to Afghanistan in 2012-2013

Certifications and Licenses

Driver's License

August 2024 to September 2028

Additional Information

Authorized to work in the US for any employer