

Ezekiel Olson

☎ (401) 555-8247 ✉ ezekiel.olson@example.com 🔗 [linkedin.com/example/ezekielolson](https://www.linkedin.com/example/ezekielolson) 📍 Providence, RI 02906

SUMMARY

Manufacturing operations leader with eight years supervising multi shift shop work across **medical device** and precision manufacturing environments. Leads workload planning, resource allocation, safety, quality, QMS compliance, capacity improvement, and associate development while resolving production and engineering constraints. Hands on background includes CNC mills, lathes, Wire EDM, GD&T, CAD, MRP, **lean manufacturing**, prototyping, and **SAP Product Lifecycle Management** exposure. Builds **consistent practices** through coaching, clear shop communication, technical documentation, and collaboration with engineering, quality, R&D, planning, and client teams. Supports practical financial decisions, process improvement, performance reviews, and longer range workload planning. Focus remains patient facing product quality, dependable delivery, and stronger capability across regulated operations.

EXPERIENCE

Operations Lead, Medical Device Manufacturing

May 2023 - Present

Crescent Medical Manufacturing

Providence, Rhode Island

Leads multi shift medical device manufacturing operations, coordinating workload, resources, quality controls, technical documentation, associate development, and cross functional delivery across regulated shop activities.

- Coordinated multi shift medical device **workload** using **capacity** plans, improving delivery visibility across shop teams.
- Maintained **QMS** controls through documented reviews, protecting compliance across production and engineering activities.
- Resolved machining constraints with structured analysis and corrective actions, restoring dependable production flow.
- Coached associates through daily shop communication, strengthening consistent practices and team confidence.
- Partnered with **engineering**, **quality**, R&D, and planning teams on prototypes and product improvements.
- Prepared operational documentation supporting audits, handoffs, and informed **manufacturing** decisions.

Senior Manufacturing Supervisor, Regulated Production

January 2021 - April 2023

Precision Harbor Devices

Warwick, Rhode Island

Supervised regulated production across **multiple priorities**, combining lean manufacturing, MRP coordination, performance management, safety, quality documentation, and cross functional problem solving.

- Planned regulated shop workload through **MRP** reviews, aligning **resources** with changing production priorities.
- Applied lean methods to recurring workflow issues, creating smoother execution across production cells.
- Tracked operational performance with documented reviews, giving supervisors clearer decisions about **capacity** needs.
- Mentored **direct reports** through practical coaching, reinforcing **safety**, quality, and consistent work practices.
- Resolved engineering and manufacturing issues through testing, analysis, and documented corrective actions.
- Coordinated engineering, quality, operations, and client stakeholders during product and process changes.

CNC Manufacturing Specialist, Prototyping

July 2018 - December 2020

Atlantic Prototype Works

Pawtucket, Rhode Island

Supported precision CNC machining and prototype development through mills, lathes, Wire EDM, CAD, GD&T, technical documentation, and collaboration with **manufacturing engineering** partners.

- Programmed CNC **mills** and **lathes** for prototype work, supporting accurate product development builds.
- Operated **Wire EDM** equipment for intricate components, meeting documented design and quality requirements.
- Applied **GD&T** and CAD interpretation during setup reviews, reducing ambiguity between drawings and machining.
- Created technical documentation that helped engineering teams repeat successful prototype processes.
- Investigated machining issues through testing and corrective actions, improving process repeatability.
- Coordinated prototype priorities with engineering and operations, supporting timely **product improvement** decisions.

Manufacturing Technician, Precision Operations

September 2016 - June 2018

Ocean State Tooling Lab

Cranston, Rhode Island

Performed precision manufacturing work within supervised shop operations, building foundational **capability** in safety, quality documentation, process control, machining support, and production **teamwork**.

- Supported precision machining activities through documented setups, inspections, and controlled process steps.
- Recorded **quality** information accurately, giving supervisors reliable evidence for process reviews.
- Followed safety practices during equipment operation, helping maintain disciplined shop conditions.
- Assisted **CAD** based work preparation, connecting technical drawings with practical manufacturing steps.
- Supported corrective action investigations through observations, testing, and clear documentation.
- Worked across shifting priorities, building dependable habits in a busy manufacturing environment.

PROJECTS

Medical Device Capacity Planning 📅 2024

A capacity planning initiative connected workload reviews, resource assignments, QMS controls, and shop communication. Clearer visibility helped teams discuss constraints earlier and support dependable medical device delivery.

Prototype Machining Process Improvement 📅 2021

A prototype machining effort brought CAD, GD&T, CNC mills, lathes, and Wire EDM into a clearer workflow. Better documentation helped engineering and shop teams repeat successful builds.

LEADERSHIP & AWARDS

- Operations Leadership Recognition, Crescent Medical Manufacturing, 2025
- Lean Process Improvement Recognition, Precision Harbor Devices, 2023
- Shop Safety and Quality Contribution Award, Atlantic Prototype Works, 2020

EDUCATION

Technical High School Diploma

William M. Davies Jr. Career and Technical High School GPA: 3.5

2016
Lincoln, Rhode Island

Coursework: CNC machining, CAD, manufacturing processes, quality systems

CERTIFICATIONS

- Lean Manufacturing Fundamentals Certificate 📅 2024
- CNC Manufacturing Safety Certificate 📅 2022

TECHNICAL SKILLS

- **Machining Equipment:** CNC Mills, CNC Lathes, Wire EDM
- **Design Software:** CAD, GD&T, Technical Drawings
- **Planning Systems:** MRP, SAP Product Lifecycle Management, Capacity Planning
- **Quality Systems:** QMS, Corrective Actions, Quality Documentation
- **Manufacturing Methods:** Lean Manufacturing, Prototyping, Process Control
- **Operations Management:** Workload Planning, Resource Allocation, Shift Coordination
- **Product Development:** R&D, Product Improvement, Industrial Design
- **Safety Practices:** Shop Safety, Equipment Safety, Safety Documentation
- **Performance Management:** Key Performance Metrics, Performance Reviews, Process Improvement
- **Collaboration Tools:** Technical Documentation, Cross Functional Communication, Stakeholder Coordination

SKILLS

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|----------------------------|------------|----------------------|----------------------|
| • Manufacturing Operations | • Mills | • CAD | • SAP PLM |
| • Medical Devices | • Lathes | • MRP | • Prototyping |
| • QMS | • Wire EDM | • Lean Manufacturing | • Quality Compliance |
| • CNC | • GD&T | • Capacity Planning | |

PROFESSIONAL AFFILIATIONS

- Association for Manufacturing Technology member
- Society of Manufacturing Engineers participant

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST