

Aiden Guzman

📞 618-555-2847 ✉️ aiden.guzman@example.com 💼 [linkedin.com/example/aidenguzman](https://www.linkedin.com/example/aidenguzman) 📍 Carbondale, IL 62901

SUMMARY

Shop technician with four years of hands on experience diagnosing, repairing, and testing agricultural, construction, off road, and **heavy equipment** in service shop settings. Work includes hydraulic, electrical, mechanical, and powertrain troubleshooting, repair sequence planning, **technical data** review, blueprint interpretation, parts identification, tooling selection, and functional validation. Maintains accurate work orders, **daily service reports**, parts records, warranty documentation, and computer based closeout details. Uses spreadsheets, word processing, service systems, **test equipment**, cranes, compressors, cleaning tanks, and other shop assets safely. Communicates clearly with technicians, supervisors, customers, vendors, suppliers, and parts staff. Practical judgment supports safe repairs, reliable quality checks, timely machine return, and orderly shop operations.

EXPERIENCE

Shop Technician, Agricultural and Heavy Equipment

October 2024 - Present

Heartland Machinery Service

Carbondale, Illinois

- Supports service shop repairs across agricultural, construction, and **off road equipment**. Handles troubleshooting, repair planning, documentation, testing, and safe shop operations while coordinating findings with supervisors, technicians, customers, parts staff, vendors, and suppliers.
- Diagnosed hydraulic faults with pressure gauges and **service manuals**, restoring equipment for customer pickup.
 - Planned **repair sequences** from blueprints and technical data, reducing rework during complex assemblies.
 - Selected parts, materials, and tooling through work orders, improving repair accuracy and traceability.
 - Performed **quality assurance testing** and functional checks before closing work orders for handoff.
 - Recorded daily service reports, warranty details, and repair findings in **computer systems** accurately.
 - Maintained cranes, compressors, **cleaning tanks**, and shop assets through safe inspection routines.

Equipment Service Technician, Construction and Off Road Equipment

September 2022 - September 2024

Riverbend Heavy Equipment Repair

Mount Vernon, Illinois

- Repaired construction, agricultural, off road, and heavy equipment in a customer service environment. Built practical diagnostic judgment through test equipment use, manual based troubleshooting, parts coordination, warranty reporting, and documented repair verification.
- Troubleshooted electrical and mechanical faults with meters, schematics, and service documentation for repairs.
 - Identified replacement parts and special **tooling**, keeping **assemblies** aligned with approved repair plans.
 - Completed work orders and **warranty reports**, giving service teams clear records for closure.
 - Tested repaired machines under operating conditions, confirming safe performance before customer return.
 - Coordinated **parts** retrieval with vendors and **suppliers**, keeping scheduled repairs moving through completion.
 - Used overhead and **jib cranes** safely during component removal, placement, and shop staging.

Equipment Repair Technician, Shop Operations

June 2022 - August 2022

Southern Illinois Equipment Repair

Marion, Illinois

- Supported supervised equipment repair and shop operations during an early career transition. Applied school based mechanical knowledge to inspections, parts handling, service documentation, safe tooling, and basic functional testing.
- Inspected **agricultural equipment assemblies** with technicians, documenting faults before repair planning.
 - Read **service manuals** and technical diagrams, supporting accurate component identification and disassembly.
 - Used hand tools and **test equipment** under supervision, building safe diagnostic habits during repairs.
 - Updated parts lists and work order notes, keeping repair status visible for shop staff.
 - Completed post repair checks with senior technicians, confirming equipment readiness for continued service.

PROJECTS

Hydraulic and Electrical Diagnostic Workflow 📅 2024

Created a practical diagnostic workflow for hydraulic and electrical faults using service manuals, test equipment, repair sequences, and documented functional checks.

Shop Records and Warranty Control 📅 2023

Improved organization of work orders, daily service reports, parts records, warranty details, and closeout information within routine shop operations.

LEADERSHIP & AWARDS

- OSHA Safety Recognition, 2023, acknowledged for consistent safe shop practices.
- Service Documentation Recognition, 2024, recognized for accurate work orders and warranty records.

- Equipment Care Leadership, 2024, trusted with orderly parts, tooling, and shop asset routines.

EDUCATION

High School Diploma

2022

Carbondale Community High School GPA: 3.5

Carbondale, Illinois

Coursework: Mechanical systems, electrical systems, hydraulics, technical mathematics

CERTIFICATIONS

- OSHA 10 Hour General Industry 2023
- Forklift Operator Safety Training 2024

TECHNICAL SKILLS

- **Equipment Systems:** Agricultural equipment, construction equipment, off road equipment
- **Diagnostic Equipment:** Pressure gauges, digital multimeters, electrical test equipment
- **Technical Documentation:** Service manuals, blueprints, technical data
- **Hydraulic Systems:** Hydraulic pumps, valves, cylinders
- **Mechanical Systems:** Assemblies, bearings, fasteners
- **Powertrain Systems:** Diesel engines, transmissions, drivetrains
- **Shop Equipment:** Air compressors, cleaning tanks, overhead cranes
- **Crane Equipment:** Overhead cranes, jib cranes, lifting accessories
- **Computer Applications:** Service systems, spreadsheets, word processing
- **Service Records:** Work orders, daily service reports, warranty reports
- **Parts Operations:** Parts orders, special tools, materials
- **Quality Testing:** Functional checks, repair verification, quality assurance

SKILLS

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|-------------------------|-------------------|---------------------|---------------------|
| • Equipment diagnostics | • Test equipment | • Warranty reports | • Technical data |
| • Agricultural repair | • Service manuals | • Spreadsheets | • Blueprint reading |
| • Hydraulics | • Work orders | • Crane safety | • Word processing |
| • Electrical systems | • Parts ordering | • Quality assurance | |

PROFESSIONAL AFFILIATIONS

- Local equipment service community, ongoing participation in practical repair knowledge sharing.
- Southern Illinois technical workforce network, ongoing connection with service and maintenance professionals.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST