

# Kevin Vang

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## SUMMARY

Experienced Diesel Mechanic with over two years devoted to maintaining commercial diesel vehicles. Expertise in performing preventative maintenance, repairing diesel equipment, and documenting all work accurately aligns well with DOT standards. Committed to maintaining a safe environment while efficiently collaborating with senior technicians. Proven ability in troubleshooting various mechanical issues. Eagerness drives a continual learning approach, demonstrated through academic projects focused on applicable mechanical systems and safety practices in real-world scenarios.

## EXPERIENCE

**Diesel Mechanic Intern** June 2025 - August 2025  
University Project *Springfield, MO*

- Supported a team as a Diesel Mechanic Intern focusing on practical applications within simulation-based scenarios. Engaged in hands-on repairs and preventative measures while prioritizing safety and compliance.
- Conducted preventative maintenance on fleet components adhering to industry standards.
  - Troubleshoot and repaired diesel engine parts, gaining practical, real-time experience.
  - Documented all actions in the fleet maintenance system, ensuring transparency.
  - Collaborated effectively with peers to uphold safety protocols and maintain a clean workspace.
  - Mentored new interns in safety practices and task executions, fostering team growth.
  - Presented maintenance best practices to faculty highlighting key insights from the internship.

**Mechanical Systems Intern** January 2025 - May 2025  
Academic Research *Springfield, MO*

- Participated in exploring mechanical performance improvements within diesel engines. An emphasis on research showcased a commitment to excellence in performance optimization.
- Analyzed critical data collected from engine tests identifying improvement areas.
  - Wrote detailed documentation for repair processes based on research findings.
  - Engaged in hands-on tasks such as engine disassembly under faculty supervision.
  - Constituted part of safety practices verification, ensuring all activities met regulations.
  - Achieved favorable recognition for findings presented at the university engineering symposium.

**Diesel Vehicle Maintenance Assistant** September 2024 - December 2024  
Student Lab *Springfield, MO*

- Engaged in diesel vehicle maintenance while assisting instructors within a structured lab setting that emphasized practical and technical knowledge enhancement.
- Performed routine inspections, promoting early detection of potential issues.
  - Documented maintenance procedures effectively for academic analysis.
  - Enhanced skills in operating diagnostic tools under direct guidance and support.
  - Team efforts completed all maintenance tasks systematically and efficiently.
  - Part of an innovative project leading to improved tracking of maintenance schedules.
  - Leadership gained through coordination of group tasks resulting in cohesive operation.

## LEADERSHIP & AWARDS

- Dean's List, Springfield Technical Community College, 2025
- First Place, Diesel Mechanics Competition, 2025

## EDUCATION

**Associate of Applied Science in Diesel Technology** 2026  
Springfield Technical Community College GPA: 3.5 *Springfield, MO*  
*Coursework: Diesel Engine Systems, Automotive Safety Protocols, Electrical Systems, Hydraulics*

## CERTIFICATIONS

- OSHA Safety Certification 2025

- Diesel Engine Repair Certification 📅 2025

## TECHNICAL SKILLS

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- **Diagnostic Tools:** OBD-II Scanner, Multimeter, Pressure Gauge
- **Fleet Management Software:** Fleetio, Optron, Web-Based Dashboards
- **Safety Protocols:** Lockout Tagout, PPE Regulations, Workplace Inspection
- **Mechanical Components:** Fuel Injectors, Oil Pumps, Turbochargers
- **Electrical Systems:** Batteries, Wiring Harnesses, Starter Motors
- **Hydraulic Systems:** Hoses, Valves, Cylinders
- **Repair Procedures:** Manufacturer Specifications, Coding Manuals, Assembly Guides
- **Communication Tools:** Email, Instant Messaging, Video Conferencing
- **Documentation Standards:** Fleet Logs, Maintenance Checks, Service Manuals
- **Quality Assurance:** Error Prevention Methods, Compliance Testing, Audit Logs

## SKILLS

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|------------------------------|-----------------------------------|---------------------------------------|----------------------------------|
| • Diesel Engine Repair       | • Technical Documentation         | • Collaborative Maintenance Practices | • Parts Inventory Control        |
| • Preventative Maintenance   | • Troubleshooting Heavy Equipment | • Document Management Systems         | • Warranty Processing Procedures |
| • Fleet Maintenance Software | • Engine Performance Optimization | • Workshop Hazard Awareness           | • Project Team Coordination      |
| • Safety Compliance          | • Data Analysis Techniques        | • Diagnostic Vehicle Testing          | • Lab Equipment Utilization      |

## PROFESSIONAL AFFILIATIONS

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- Member, Diesel Technology Club, 2024-2026
- Volunteer, Community Safety Workshop, 2025

## LANGUAGES

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- English (Native)
- Spanish (Proficient)

## ADDITIONAL INFORMATION

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

## REFERENCES

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AVAILABLE ON REQUEST