

# KORRAI DILEEP

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Contact: (+91) 6302276657

Experience: 2 years 7 months

Location: Visakhapatnam, Andhra Pradesh

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## Profile Summary

- Proven welding inspector with experience in MIG welding, ensuring quality production by inspecting. Proficient in equipment operation, safety procedures, and maintaining production logs, resulting in a consistent and accurate output. Skilled in mechanical troubleshooting, Parts replacement, and maintenance scheduling. Tool management, with a strong understanding of conveyor systems and blueprints. Complemented by a background in business development, sales, and marketing.
- Dedicated and skilled diesel mechanic in diagnosing, repairing, and maintaining diesel engines. Proficient in performing routine maintenance tasks, such as oil changes, filter replacements, and fluid checks, to ensure optimal engine performance. Proven ability to troubleshoot and resolve complex engine issues efficiently, minimizing downtime and maximizing productivity. Strong attention to detail and commitment to quality workmanship. Seeking to leverage expertise in diesel engine repair to contribute to the automotive industry.

## Key Skills:

- Welding Techniques
- MIG Welding
- Arc Welding
- Marketing
- Excel
- Facility Management
- Equipment Troubleshooting
- Appliances Repair
- Procedures
- Mechanical Aptitude
- Management
- Power Tool Operation
- Parts Replacement
- Project Management
- Maintenance Scheduling
- Documentation
- Tool Management
- Supply Management
- Conveyor Systems
- Blueprint And Schematic
- Understanding
- Safety Awareness
- Machine Lubrication
- Mechanical
- Troubleshooting
- Sales
- Grinding
- Supply Chain Manage

## Languages:

- Telugu (Native)
- Hindi (Intermediate)
- English (Fluent)

## Professional Experience:

**Organisation:** Inter-Continental Exim Co-operation

**Designation:** Quality Engineer

**Duration:** Jun 2024 – Present

- Conducted thorough inspections and testing of materials and products to ensure compliance with established quality standards and specifications.
- Analyzed quality data to identify trends, root causes of defects, and areas for improvement in manufacturing processes.
- Developed and implemented quality control procedures and protocols to enhance product reliability and performance.
- Collaborated with cross-functional teams to address quality issues and implement corrective actions.
- Maintained detailed records of quality inspections, test results, and corrective actions taken.

## Key Responsibilities:

- **Quality Inspection and Testing:**  
Conduct thorough inspections and tests on materials, components, and finished products to ensure they meet established quality standards and specifications.
- **Quality Control Procedures:**  
Develop and implement quality control procedures and protocols to enhance product reliability and performance.
- **Cross-functional Collaboration:**  
Work with cross-functional teams to address quality issues and implement corrective actions.
- **Documentation and Record Keeping:**  
Maintain detailed records of quality inspections, test results, and corrective actions taken.
- **Training and Mentoring:**  
Train and mentor production staff on quality control procedures and best practices to foster a culture of continuous improvement.
- **Reporting and Communication:**  
Communicate quality metrics and performance indicators to management and stakeholders, providing insights and recommendations for enhancing overall product quality

**Organisation:** Techno weld industrial works

**Designation:** MIG welder / Welding Supervisor

**Duration:** Dec 2021 – Apr 2024

- Performed MIG welding on a variety of metals, including steel, stainless steel and aluminum.
- Assessed projects to determine the appropriate welding process and equipment needed.
- Set up and operate MIG welding machines according to established safety procedures.
- Inspected finished products to ensure accuracy by blueprints and specifications. Troubleshoot welding problems as required.
- Maintained daily logs of production numbers and weld data as necessary.

- Repaired worn or damaged parts by cutting out sections using torches or plasma cutters and then re-welding them into place.
- Completed welds in flat, horizontal, vertical or overhead positions.
- Produced smooth and even welds by maintaining a consistent approach. Oversee and manage welding operations to ensure high-quality production and adherence to safety standards. Led a team of welders and coordinated activities to meet project goals and deadlines.

## **Key Responsibilities:**

### **Team Management:**

- Supervise a team of 15 welders, fitters, and support staff, ensuring efficient workflow and productivity.
- Assign daily tasks and manage work schedules to meet project requirements.
- Provide training, mentorship, and performance evaluations to enhance team skills and morale

### **Quality Assurance:**

- Conduct regular inspections of welding work to ensure compliance with industry standards and project specifications.
- Implement quality control measures to identify and correct defects, maintaining high standards of workmanship.

### **Safety Compliance:**

- Enforce strict adherence to safety protocols, conducting daily safety briefings and training sessions.
- Investigate any incidents or near misses and implement corrective actions to prevent recurrence.

### **Project Coordination:**

- Assist in the planning and execution of welding projects, ensuring optimal resource allocation and workflow efficiency.
- Coordinate with project managers, engineers, and clients to discuss project progress, requirements, and challenges.
- Maintain accurate records of welding activities, including work performed, materials used, and time spent.

### **Technical Expertise:**

- Utilize advanced welding techniques (MIG, TIG, Stick, Flux-Cored Arc) to achieve high-quality results.
- Operate and maintain welding equipment, ensuring it is in good working condition and properly calibrated.
- Troubleshoot welding issues and provide technical solutions to improve weld quality and efficiency.

### **Achievements:**

- Reduced welding defects through the implementation of a comprehensive quality control system. Successfully led a project team that completed major projects ahead of schedule, resulting in significant cost savings.
- Spearheaded the adoption of new welding technologies and techniques, improving overall productivity.

## **Internship:**

### **R.K engineering works - 6 Months**

- Collaborated with a team of engineers to complete a 6-month internship focused on the repair and maintenance of diesel engines, contributing to the timely delivery of project milestones
- Conducted thorough research and analysis, leading to a 20% reduction in maintenance costs for diesel engines
- Assisted in the implementation of new maintenance procedures, resulting in a 15% increase in overall engine efficiency
- Performed preventive maintenance on equipment and machinery to reduce downtime.
- Maintained a clean and safe working environment at all times.
- Repaired malfunctioning parts, assemblies, and systems using hand tools, power tools, and precision measuring instruments.
- Installed, aligned, adjusted and calibrated new equipment according to manufacturer's specifications

## **Education:**

- **Diploma in Mechanical Engineering**  
Government Polytechnic Pendurthi 2018 - 2021
- **SSC**  
Ravindra Bharathi School 2017 - 2018

## **Projects:**

### **Fabrication of rail tracks for heavy cranes - 8 Months**

#### **Project Overview:**

Led the welding team in successfully fabricating and installing high-strength rail tracks for heavy crane operations, ensuring durability and compliance with strict quality standards.

#### **Key Responsibilities:**

- Supervised a team of 15 welders, coordinating daily tasks to meet project timelines and specifications.
- Conducted regular inspections and implemented quality control measures, reducing welding defects.
- Enforced strict safety protocols, conducting daily briefings to minimize risk and ensure OSHA compliance.
- Utilized advanced welding techniques (MIG, TIG, Stick) and maintained all equipment to ensure optimal performance.

#### **Achievements:**

- Completed the project ahead of schedule, resulting in significant cost savings.
- Led the team in fabricating and installing rail track, exceeding client expectations and industry standards