

# Sidharth V



## CONTACT

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## AREAS OF EXPERTISE

- Market Research
- Procurement
- Purchasing
- Routine Inspections
- Operational Efficiency
- Negotiations
- Supplier relationship
- Technical Troubleshooting
- Performance Improvement
- Logistic operations
- Project Supervision
- Non-Destructive Testing
- Inventory control
- Predictive Maintenance
- Pipeline Systems
- Isometric Drawings
- Quality Assurance
- Inspection Plans
- Safety Regulations
- Equipment Reliability

## LANGUAGES

- Malayalam:** Proficient (C2)
- Hindi:** Upper Intermediate (B2)
- Tamil:** Advanced (C1)
- Arabic:** Elementary (A2)

## PROFILE SUMMARY

Motivated and Enthusiastic Mechanical Engineer over three years of experience in procurement and maintenance, enhancing equipment reliability, and managing maintenance operations across diverse industries. Proven expertise in market research, vendor management, and implementing preventive maintenance programs to reduce downtime and extend asset lifespan. Adept at leading cross-functional teams, conducting advanced inspections, and employing data-driven strategies to achieve cost saving purchasing and operational efficiency. Demonstrated ability to design and execute effective training programs, conduct non-destructive testing, and ensure adherence to quality standards. Committed to delivering high-quality results and maintaining rigorous documentation for informed decision-making and regulatory compliance.

## CORE COMPETENCIES

- Vendor Management and Procurement:** Proficient in conducting market research, managing vendor communications, and executing cost-effective purchasing decisions that align with company budgets.
- Preventive Maintenance and Equipment Reliability:** Expertise in designing and implementing preventive maintenance programs, leading to reduced downtime, extended asset lifespan, and improved operational efficiency.
- Quality Assurance and Non-Destructive Testing:** Skilled in performing ultrasonic testing, visual inspections, and maintaining detailed QA/QC documentation to ensure compliance with industry standards and safety regulations.
- Cross-Functional Collaboration and Team Leadership:** Effective at collaborating with cross-functional teams, leading training programs, and providing on-site supervision to enhance productivity, safety, and operational compliance.
- Data-Driven Decision-Making and Continuous Improvement:** Ability to leverage data-driven strategies to optimize equipment performance, enhance operational efficiency, and achieve measurable improvements in performance and cost savings.

## PROFESSIONAL WORK EXPERIENCE

**United Roots Company – Jeddah, Saudi Arabia**  
Procurement Engineer

**May 2023 – Present**

- Conducted thorough market research to obtain competitive pricing from a diverse range of vendors, ensuring informed and cost-effective purchasing decisions that aligned with company budgetary goals.
- Skillfully managed vendor communications, including addressing inquiries, crafting detailed and accurate quotations, and processing purchase orders with a high degree of efficiency and attention to detail.
- Collaborated effectively with cross-functional maintenance teams and sales teams to identify and categorize critical spare parts, optimizing inventory levels to prevent shortages and support uninterrupted operations.
- Designed and implemented a robust preventive maintenance program for all company-owned equipment, resulting in reduced downtime and extended asset lifespan through regular upkeep and proactive interventions.
- Strategically scheduled and conducted routine inspections of all machinery and equipment, promptly troubleshooting and resolving technical issues to ensure continuous operational flow.
- Spearheaded initiatives to enhance equipment reliability and operational efficiency, employing data-driven strategies and best practices to achieve measurable improvements in performance and cost savings.

**SS Metal Industries**

**Apr 2021 – Feb 2023**

Maintenance Engineer

- Spearheaded the optimization of machine performance by conducting comprehensive routine inspections and systematic checkups, ensuring operational efficiency and minimizing downtime.
- Executed detailed on-site visits to construction sites to assess the progress of ongoing projects, while providing direct supervision and guidance to employees, ensuring compliance with project timelines and safety standards.
- Coordinated closely with technical teams to carry out advanced non-destructive testing methods, effectively identifying internal cracks, material weaknesses, and other potential defects in critical joints and structural components.
- Led the design and implementation of enhanced training programs tailored for maintenance personnel, focusing on the development of specialized skills and adherence to industry best practices, resulting in improved team productivity and reduced operational errors.
- Maintained meticulous and up-to-date documentation of all equipment maintenance activities, including repairs, inspections, and performance metrics, ensuring compliance with regulatory requirements and facilitating informed decision-making.

QA/QC Inspector

- Executed ultrasonic testing procedures on pipeline systems and joints to assess and confirm structural integrity, ensuring compliance with industry standards and safety regulations.
- Designed and drafted detailed isometric drawings of pipeline layouts, facilitating accurate project documentation, planning, and construction processes.
- Generated in-depth reports outlining testing methodologies, procedural steps, and findings, providing critical insights for quality assurance and engineering reviews.
- Maintained comprehensive and accurate records of all testing activities and outcomes, identifying and documenting any discrepancies or non-conforming products for corrective action.
- Conducted thorough visual inspections of raw materials and components in accordance with established inspection plans, ensuring adherence to quality and specification standards.
- Played a key role in upholding high standards of quality and safety during shutdown operations, contributing to effective maintenance and operational efficiency.



## EDUCATION

**Bachelor of Engineering in Mechanical Engineering** | Anna University, Chennai

**Computer Aided Engineering Design and Testing** | Femlogic Technologies

**NDT Level 2 Qualified** | As per ASNT standards

**Quality Control and Assurance** | Axions Institute