

ROHITH DHANE

Project Coordinator

r.dhane69@gmail.com | 203-997-2654

SUMMARY

Master of Science in Engineering Management candidate with a background in Mechanical Engineering and experience in enterprise systems, operations support, and process improvement. Adept at bridging technical and business functions through effective communication, problem-solving, and project coordination. Passionate about applying engineering principles, leadership skills, and data-driven decision-making to improve organizational performance and successfully manage complex projects.

WORK EXPERIENCE

Project Coordinator

May 2026 – Present

<https://www.dice.com/job-detail/c3addb2c-86b9-409a-9f99-4e8b24116b3d>

- Drives on-time delivery of documentation and other deliverables for projects in accordance with various product development and design change processes.
- Supports the project team with planning, scheduling, tracking and managing deliverables throughout the process.
- Ensures project documents are complete, consistent, and conform to quality system standards.
- This position requires specialized expertise in change control and project management functional areas, particularly interfacing with engineering staff to complete assigned projects.
- This position interfaces with other functional areas within the company and with resources outside of the company (vendors, consultants, etc.) to complete the assigned projects within schedule.

Ergonomic Group, Inc, NY

Feb 2025 – Feb 2026

- Led end-to-end troubleshooting and resolution of Coupa-NetSuite integration issues, ensuring accurate synchronization of suppliers, purchase orders, SIM Setup and invoice data. Supported configuration and validation of catalog management within Coupa
- Configured and validated Coupa catalog management, including item setup, pricing updates, and category mapping to support procurement accuracy. Optimizing invoice transmission workflows and assist with error resolution
- Ensured compliant and reliable PO transmission to suppliers through cXML and API interfaces, resolving transmission failures and mapping discrepancies. Perform a holistic system assessment and provide clear recommendations for future enhancements.
- Optimized invoice transmission workflows by monitoring error queues, identifying root causes, and implementing corrective actions to stabilize processing.
- Acted as an expert advisor on Coupa platform capabilities, governance rules, approval flows, and best-practice configurations for the client team.
- Performed a holistic system assessment of Coupa workflows, catalog setup, and integrations, delivering recommendations for performance and compliance improvements.

- Installing, Installed, maintained, and repaired refrigeration systems (e.g., domestic refrigerators, industrial freezers, cold storage).
- Operated vapor compression and vapor absorption systems, demonstrating proficiency in refrigeration system operation.
- Selected appropriate refrigerants based on application, efficiency, and environmental standards, ensuring compliance with environmental regulations.
- Detected and troubleshooted defects like refrigerant leaks, compressor failure, or ice buildup, contributing to system reliability and performance.
- Set up various air conditioning systems (window, split, central, cassette) and balanced air systems, adjusting for optimal humidity and temperature control.
- Performed seasonal and annual inspections to ensure system performance, contributing to preventative maintenance and long-term system health.
- Maintained indoor air quality by servicing filters, duct systems, and ventilation, ensuring a healthy and comfortable environment.
- Conducted system performance analysis using thermodynamic properties, identifying areas for improvement in energy efficiency.
- Documented pipeline flows and troubleshooting steps as part of knowledge transfer and team onboarding materials, promoting knowledge sharing and collaboration.
- Ensured refrigerants comply with environmental regulations (e.g., Montreal Protocol), preventing refrigerant leakage and ensuring safe disposal.
- Used EPA-compliant methods for refrigerant recovery, recycling, and leak detection, demonstrating commitment to environmental sustainability.

EDUCATION

Masters in Engineering Management

Cumberland University, TN | May 2026 – Dec 2027(Present)

Masters in Information Systems Technologies

Wilmington University, DE | Sep 2023 – Dec 2025

Bachelor of Technology in Mechanical Engineering

Vidya Jyothi Institute of Technology, Hyderabad, India | July 2018–June 2022

University Project

Chainless Bicycle/ Shaft-Driven Bicycle VJIT, Hyderabad, India | Apr 2022–May2022

Roles & Responsibilities:

- Designed alternative drivetrain systems (e.g., shaft-driven over chain-driven) using roller and pinion gear mechanisms to achieve torque transmission.
- Eliminated chain friction points and optimized energy efficiency, contributing to a more efficient and sustainable transportation solution.
- Aligned and mounted roller bearings and pinions with precise 90° torque direction changes, ensuring accurate power transmission.
- Ensured proper meshing of pinions with rollers to maintain continuous power transmission, analyzing mechanical efficiency comparing rolling friction vs sliding chain friction.
- Optimized gear ratios and bearing placements for minimal energy loss, contributing to improved drivetrain performance.
- Researched materials suitable for high-efficiency bearings and pinions, selecting materials that enhance durability and performance.
- Assessed manufacturing feasibility of roller bearings with precision machinery, ensuring manufacturability and cost-effectiveness.
- Evaluated drivetrain performance under different load conditions, ensuring reliability and performance under varying operating conditions.
- Tested for durability, misalignment tolerance, and wear resistance of bearings and gear systems, ensuring long-term reliability and performance..

KEY SKILLS

- Mechanical Engineering & Design: Drivetrain System Design, Gear Mechanisms (Roller & Pinion Systems), Torque Transmission Optimization, Bearing Alignment & Installation, Gear Ratio Optimization, Mechanical Efficiency Analysis (Rolling vs Sliding Friction)
- Manufacturing & Implementation: Feasibility Analysis for Mechanical Systems, Precision Machinery Handling, Assembly & Installation of Mechanical Components
- HVAC & Refrigeration: Refrigeration System Installation & Maintenance, Domestic & Industrial Cooling Systems, Vapor Compression & Absorption Systems, HVAC System Setup (Window, Split, Central, Cassette AC), Preventive Maintenance & Seasonal Inspections, Air Balancing & Climate Control Optimization, Indoor Air Quality (IAQ) Management
- Software & Programming: Pandas, Python, MS Excel, MS Word
- ERP Systems: Oracle EBS, Oracle JDE, SAP S/4HANA, SAP Ariba, NetSuite, Oracle Cloud ERP
- Coupa Suite: P2P, SIM, Sourcing, Contracts, Approvals, Integrations