

AHAMED JISHFAAN M S

Mechanical Engineer

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Objective

Enthusiastic and detail-oriented Mechanical Engineer with a strong foundation in pipeline engineering and design. Seeking to leverage my technical skills and hands-on project experience to contribute to the success of Wood as a Pipeline Engineer.

Education

B.Tech in Mechanical Engineering

KMEA Engineering College (NBA & NAAC Accredited)

2021 - 2024

Diploma in Mechanical Engineering

Sree Rama Govt. Polytechnic College (NBA Accredited)

2018 - 2021

Projects

Design and Construction of Rota meter Calibration Apparatus

- Designed and constructed a calibration apparatus for rota meters, ensuring accurate measurement of flow rates.
- Conducted extensive research to determine the most effective design principles and materials.
- Collaborated with a team to fabricate and test the apparatus, ensuring it met all design specifications and performance criteria.

Design and Fabrication of Mobile Controlled Pesticide Spraying Rover

- Engineered a mobile-controlled rover for pesticide spraying, incorporating remote control technology.
 - Managed the design process from initial concept through to final fabrication, including selecting appropriate materials and components.
 - Conducted field tests to evaluate the performance and effectiveness of the rover in real-world conditions.
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Certifications

- ASNT NDT Level-2 Certification
- Auto desk Certification - Modeling and Design for Mechanical Engineers with Autodesk Fusion 360
- Oil & Gas Industry Operations and Markets - Duke University (Coursera)
- Pre MBA (Statistics) - IIM Ahmedabad (Coursera)
- Junior Programmer (C, C++) - BSCIC Certification
- Google Sheets - Google Cloud
- Leadership Skill - IIM Ahmedabad (Coursera)
- Innovation cum Leadership Training - SITTER (Govt. of Kerala)
- MS Office Excel - Udemy
- Corporate Finance - Udemy

- Fundamentals of Marketing Strategy - University of London (Coursera)
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Technical Skills

- Pipeline Route Analysis and Mapping
 - Pipeline Calculations (Wall Thickness, Upheaval Buckling, Stress Analysis)
 - Technical Report Preparation
 - Material Take Offs and Material Requisitions
 - Technical Bid Evaluation
 - Vendor Deliverables Review
 - Engineering Design Software (e.g., AutoCAD, SolidWorks)
 - Proficient in MS Office Suite (Word, Excel, PowerPoint)
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Professional Experience

Operation Manager Intern

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Trivandrum

[01/06/2023] – [01/06/2024]

- Assisted in preparing scope of work for pipeline surveys and evaluating survey contractors' bids.
- Coordinated with survey contractors during execution and reviewed and approved survey reports.
- Conducted site visits for data collection and system adequacy checks.
- Participated in technical workshops such as Design Review, HAZID, and HAZOP.