

# Ahamed Jishfaan M S

## Mechanical Engineer

Al Nahda, Sharjah, UAE

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## PROFESSIONAL SUMMARY

Dedicated Mechanical Engineer with expertise in project documentation, mechanical drafting, and process improvement. Experienced in coordinating government and private projects with a strong focus on compliance, financial management, and efficient resource utilization. Proficient in various engineering tools and standards, with a background in both technical and operational management. Adept at client relations and committed to driving project success in multidisciplinary teams.

## PROFESSIONAL EXPERIENCE

### Mechanical Engineer | Gtech Mulearn (June 2023 - August 2024)

- Supervised project documentation and technical drawings, ensuring compliance with government standards using AutoCAD, Revit, and MS Office Excel.
- Managed documentation processes, including project reports, ensuring accuracy, regulatory compliance, and timely delivery.
- Oversaw finance activities, including budgeting, forecasting, and expense tracking, to ensure efficient resource utilization.
- Implemented process improvements to enhance operational efficiency and productivity.

### Research Intern | KKEM (April 2023 - June 2023)

- Assisted in literature reviews, data collection, and analysis for research projects.
- Prepared reports, presentations, and research briefs summarizing findings and recommendations.
- Collaborated with team members to brainstorm and develop innovative solutions addressing key challenges.

## PROJECTS

- Design and Construction of Rota Meter Calibration Apparatus
- Design and Fabrication of Mobile-Controlled Pesticide Spraying Rover

## EDUCATION

- **B.Tech in Mechanical Engineering** | APJ Abdul Kalam Technical University (NBA & NAAC Accredited)
- **Diploma in Mechanical Engineering** | Sree Rama Govt. Polytechnic College (NBA Accredited)

## CERTIFICATIONS

- ASNT NDT Level-2 Certification (UT, RT, LPT, MPT)
- Oil & Gas Industry Operations and Markets | Duke University (Coursera)
- HVAC Design using REVIT 2021 | Autodesk Certification
- Autodesk Certification - Modeling and Design for Mechanical Engineers with Autodesk Fusion 360
- Single-Phase Pipe Hydraulics and Pipe Sizing | L&T
- Two-Phase Pipe Hydraulics and Pipe Sizing | L&T
- Pre-MBA (Statistics) | IIM Ahmedabad (Coursera)
- Introduction to Project Management | IBM

- Google Sheets | Google Cloud
- Leadership Skill | IIM Ahmedabad (Coursera)
- Innovation cum Leadership Training | SITTER (Govt. of Kerala)
- MS Office Excel | Udemy

## SKILLS

- **CAD Software:** AutoCAD, SolidWorks, Revit
- **3D Modeling:** Proficient in creating 3D models and assemblies
- **Mechanical Drafting:** Expertise in creating mechanical drawings, blueprints, and schematics
- **Project Management:** Experience managing large-scale design projects and coordinating with clients and teams
- **Industry Standards:** Experienced with ASME Sec VIII Div.1 & Div.2 coded pressure equipment
- **Documentation:** Proficiency in MS Office Excel, Word, Notion
- **Knowledgeable in Standards:** ASME Section I, II, V, VIII, XI, and B31.1
- **Rotating Machinery:** Design, operation, and maintenance of compressors, turbines, pumps, and motors
- **Hydraulic Systems:** Knowledge of hydraulic rams and their operations
- **Measurement Techniques:** Measuring discharge from Kaplan, Francis, and Pelton turbines
- **Thermal Analysis:** Heat load analysis using E20 method

## VOLUNTEER EXPERIENCE

- **Student Lead** | IEDC KMEA (2 years) | Kerala Startup Mission IEDC
- **Student Lead** | IEDC SRGPTC (2 years) | Kerala Startup Mission IEDC
- **YIP Internship** | K-DISC (2 months)

## AWARDS AND ACHIEVEMENTS

- Southern India Science Fair | Second Runner-Up (2016)
- Kerala Science Fair | Winner (2016)
- PM Foundation Award
- RMSA Award

## PERSONAL INFORMATION

- **Father's Name:** Safarudeen M K
- **Mother's Name:** Samitha T A
- **Date of Birth:** 16-August-2000
- **Passport Number:** V4194819
- **Address:** Al Nahda, Sharjah
- **Citizenship:** Indian

## LANGUAGES

- **English:** Fluent
- **Malayalam:** Native
- **Hindi:** Proficient

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