



MUNEEB MOIZUDDIN KHAN

(Mechanical Engineer)

📍 Riyadh, Saudi Arabia

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PROFESSIONAL SUMMARY

A diligent Mechanical Engineering graduate with a specialization in HVAC, plumbing and firefighting systems, seeking an opportunity to contributing skills in installation, troubleshooting and maintenance of heating, ventilation, and air-conditioning systems. Committed to delivering energy-efficient and cost-effective solutions, adhering to international standards, and excelling in the dynamic environment of Saudi Arabia.

EDUCATION

Bachelor of Engineering In MECHANICAL ENGINEERING, 10/2023
Osmania University, Hyderabad, India

SKILLS

- HVAC Systems
- Indoor Air Quality
- Troubleshooting and Diagnostics
- Refrigeration Principles
- Air/Water Cooled Chillers
- Installation and Testing
- Ventilation Systems
- VRV/VRF
- Fire Suppression Principles
- Reading drawings
- AutoCAD Drafting
- BIM Modeling
- VAV/CAV
- Pipe Sizing
- Cooling Systems
- Load Calculations
- Ducting
- AHU/FCU
- Air Balancing
- Firefighting Systems (Sprinklers, Fire Pumps)

PROFESSIONAL EXPERIENCE

MECHANICAL ENGINEER, 05/2025 - Current
Hamad Al-Alaiwi & Partners Contracting Co. Ltd. (HAPCO), Riyadh, Saudi Arabia

- Supervised installation activities of Mechanical systems at site as per approved drawings and project specifications.
- Reviewed shop drawings and schematic diagrams to understand system layouts and identify service clashes or installation issues.
- Gained hands-on exposure to installation practices for ducts, chilled water piping, and mechanical equipment.
- Coordinated with site technicians and foremen to support smooth execution of daily mechanical work activities.
- Supported senior engineers during testing, commissioning, and balancing of HVAC systems.

- Observed and learned local codes, safety protocols, and Saudi building standards related to mechanical systems.
- Gained practical knowledge of ASHRAE, SMACNA, and NFPA standards relevant to mechanical system installations.

MECHANICAL ENGINEER, 01/2024 - 02/2025

Al Imran Taiba Engineering Consultants

- Conducted site visits for HVAC system installation and maintenance.
- Worked with senior engineers to analyze system performance.
- Supported the installation and testing of HVAC equipment.
- Reviewed system specifications and drawings.
- Assisted in energy efficiency assessments of HVAC systems.
- Participated in troubleshooting HVAC system issues on-site.
- Assisted senior engineers in performing heat load calculations.

SOFTWARE PROFICIENCY

- AutoCAD
- Revit MEP
- HAP
- McQuay Duct Sizer
- McQuay Pipe Sizer
- MS Office
- BETA Programme
- Carrier Psychrometric Software

PROFESSIONAL TRAINING

- HVAC Design and Drafting (AITEC MEP Institute)
- Revit MEP (KG Mech Electro - Mechanical Pvt. Ltd.)
- Intensive HVAC Project-Based Workshop (AITEC MEP Institute)

PERSONAL SKILLS

- Ability to work in any environment.
- Comprehensive problem-solving abilities.
- Ability to work as a team.
- Willingness to learn more.
- Excellent in correspondence.
- Works as a team lead.
- Passionate to achieve higher goals.

PERSONAL DETAILS

- **Availability & Relocation:** Available to join & relocate immediately
- **Iqama:** Transferable
- **Place of Birth:** Riyadh, Saudi Arabia
- **Date of Birth:** 08/08/2001
- **Nationality:** Indian
- **Religion:** Islam
- **Languages:** English, Hindi, Urdu
- **Marital Status:** Single
- **Whatsapp:** +966549132522