

MOHAMMAD JUNAID K

MEP Engineer

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PROFILE

Accomplished MEP Engineer with 3 years of experience and a demonstrated track record of delivering sustainable and efficient solutions in Mechanical, Electrical, and Plumbing design within the construction industry. Leveraging expertise in design principles, I actively contribute to resolving technical challenges and possess in-depth knowledge of Mechanical Services technologies. Committed to ensuring high-quality work within project timelines and budget constraints.

PROFESSIONAL EXPERIENCE

Orix Engineering Consultancy ✉

MEP Engineer

06/2023 – present

Bawshar, Oman

Responsibilities:

- Developing plans and designs based on client specifications and design guidelines
- Designing HVAC systems, including Split Unit AC, Ducted Split AC, and Package Unit AC.
- Designing Water Supply Systems (Cold Water, Hot Water, and Central Heater Systems.)
- Designing Drainage Systems (efficient and sustainable)
- Designing Electrical plans encompassing lighting, small power, load calculations, and single line diagrams.
- Preparing tender documents including specifications and BOQ.
- Preparation of MEP designs for different types of projects (Residential Villas, Residential Commercial Projects, Commercial Projects, Industrial Projects, Mosques, Schools, Hotels, etc).
- Reviewing shop drawings, as-built drawings, and submittals for MEP works to ensure quality and adherence to specifications.
- Collaborated with clients to develop plans and designs tailored to their specifications and industry standards.
- Preparing time schedule for the MEP work as per project duration.
- Supervision for all mentioned MEP systems Supervision of various projects, including
 - Al-Muna Gardens project at Bausher for 122 villas
 - Residential/commercial buildings in Bahjat Al Azaibah
 - Aflag project at Bawshar
 - Telal project at Al Azaibah
 - Jebal project at Bausher

Burj Al Abrar Trading and Contracting LLC,

Mechanical Engineer

02/2022 – 05/2023

Muscat, Oman

Responsibilities:

- Reviewing all design drawings to ensure accuracy and compliance with project requirements.
- Extracting data from drawings for implementation, including coordinates and dimensions.
- Revising invoices for subcontractors to ensure accuracy and proper documentation.

- Ensured the quality of implementation materials by verifying vendor lists for HVAC, firefighting, and plumbing systems.
- Preparing shop drawings for all design aspects, including HVAC, firefighting, and plumbing.
- Obtaining approvals from consultants for plumbing, HVAC, firefighting, and infrastructure systems.
- Preparing time schedules and allocated project resources effectively.
- Following up on time schedules and prepared progress reports to ensure project milestones were met.
- Successfully managed the following projects:
 - B+G+2 Storey Villa at Madinat Qaboos.
 - Commercial and Residential Hotel at Bawshar.

Royal Engineer
Junior Mechanical Engineer

10/2021 – 12/2021
Ernakulam, India

- Responsibilities:
- Designed and drafted HVAC systems for various structures.
 - Ensured that the work performed by contractors adhered to company standards and specifications.
 - Scheduled project tasks and regularly monitored progress to ensure compliance with the project timeline.
 - Provided support to the procurement process and performed tests on equipment.
 - Attended testing and commissioning of HVAC systems to verify proper installation and functionality.

EDUCATION

BE. MECHANICAL ENGINEERING
Visvesvaraya Technological University

07/2017 – 08/2021

Diploma in MEP Engineering
Adi institute of quality engineers, Ernakulam

08/2021 – 10/2021

CERTIFICATES

HVAC Engineering
(ASHRAE)

Electrical Designing & Drafting
(NSDC)

Plumbing & Fire Fighting
(NSDC)

Autodesk Certification
(CERIPORT)

MEP Certification
(STED COUNCIL)

SKILLS

- Autodesk AUTOCAD
 - HAP (Hourly Analysis Program)
- Autodesk REVIT
 - MS OFFICE
- MCQUAY DUCT SIZER

LANGUAGES

English — Fluent

Arabic — Fluent

Malayalam — Native/Bilingual

Hindi — Fluent

DECLARATION

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Mohammad Junaid K.