

# MUHAMMED SUHAIL M.C

## MECHANICAL ENGINEER WITH UAE EXPERIENCE in HVAC

United Arab Emirates

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Visa : Employment Visa



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## CAREER OBJECTIVE

To have a growth oriented and challenging career, where I can contribute my knowledge and skills to the organization and enhance my experience through continuous learning and teamwork.

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## ACADEMIC QUALIFICATIONS

### Bachelor of Engineering (B.E)

Major : Mechanical Engineering

University : Visvesvaraya Technological University, Karnataka, India

Year : 2011 – 2015

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## WORK EXPERIENCE

### 1. DUBAI FURNITURE MANUFACTURING Co. LLC      Role: MECHANICAL ENGINEER

September 2020 - Present

 Dubai, United Arab Emirates

#### JOB RESPONSIBILITIES

- Planning and undertaking scheduled maintenance of machines inside the factory such as quilting machine, Tape edge machines and spring assembling machines.
- Supervising maintenance and technical staff.
- Diagnose faults in HVAC units and other Electrical components inside the factory and supervise all equipment repairs.
- Analyze breakdowns, diagnose faults and supervise time critical equipment repairs.
- Supervising the manufacturing process, ensuring quality work is done.
- Proper allocation of manpower based on production plan & priority.
- Diagnosing problems in the production line & providing recommendations and training.
- Ensuring on-time calibration, safety certifications of Utility & Measuring equipment.
- Ensuring all preventive maintenance are carried out periodically and keep a record of the maintenance programs carried out.
- Establishing safety procedures & protocols taking workers wellbeing into account.
- Developing & updating quality control check lists for different sections of shop floor.

**2. REDD ENGINEERS**

October 2018 - December 2019

**Role: HVAC ENGINEER**

📍 Kochi, Kerala, India

**JOB RESPONSIBILITIES**

- Application and selection of various types of HVAC equipment including air handling units, fans, coils, condensing units.
- Design and layout of commercial and industrial duct systems including supply, return, exhaust, ventilation, and dust collection systems.
- Application and selection of air terminal devices such as variable air volume boxes, grilles and diffusers, and louvers.
- Estimate commercial bids which would best serve the interests of the company.

**3. MAZ CONSULTANTS**

June 2016 - August 2018

**Role: HVAC ENGINEER**

📍 Dubai, United Arab Emirates

**JOB RESPONSIBILITIES**

- Provide engineering consulting services in Residential and Commercial buildings.
- HVAC design in accordance with ASHRAE standards and applicable authority building codes.
- Perform Heat Load Calculations using HAP & Ventilation calculations.
- Kitchen Hood Exhaust & Make up air Calculations as per Standards.
- Selection of HVAC equipment based on heat load calculations Generate HVAC layout on AutoCAD to meet client's requirements.
- Follow up DM Submissions on Dubai Municipality Portal, attend meeting with DM Engineers and rectify the comments made by DM Engineers.

**4. TORQUE ENGINEERING CONSULTANTS**

August 2015 - January 2016

**Role: HVAC ENGINEER**

📍 Kochi, Kerala, India

**JOB RESPONSIBILITIES**

- Provide engineering consulting services in Residential and Commercial buildings.
- HVAC design in accordance with ASHRAE standards and applicable authority building codes.
- Perform Heat Load Calculations, Selection of HVAC equipment based on heat load calculations & Generate HVAC layout on AutoCAD to meet client's requirements.

**COMPUTER SKILLS**

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- AutoCAD, HAP, MS Office, McQuay Duct Sizer, McQuay Pipe Sizer.

**LANGUAGES KNOWN**

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- English, Malayalam, Hindi, Tamil and Arabic (Basic).

**DECLARATION**

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

**MUHAMMED SUHAIL MC**