NOORUL AKBAR

LinkedIn



About Me

Mechanical Engineer/ HVAC

Dubai, UAE

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Reliable and hardworking mechanical engineering graduate with hands on experience in handling diverse tasks and good technical skills to ensure smooth technical operations. To work in a challenging environment and there by progress my knowledge, capabilities and skills needed for the success of the organization.

Profile Summary

- **Graduate in Mechanical Engineering graduate with over 2 years of Experience** in delivering engineering solutions for major projects based in UAE.
- Worked as a **HVAC System Design, Site execution and Analyzer for HVAC Systems in UAE.**
- Experience in handling all kind of HVAC system including **FAHU, AHU, FCU, DX-Systems, Exhaust Ventilations, Pressurization Units and Other Air Handling Systems.**
- Well known in Using HVAC Design Selection Systems like **HAP 4.9(Carrier)+E-20 as per DM and ASHRAE Standards , Static pressure calculation, Pump Head Calculations, Duct Sizer and CHW Pipe Sizing.**
- **Design air distribution systems, duct size selection, pipe size selection, Air Balancing at required Sound levels, Air Control System as per SMACNA Standards.**
- Well known to follow all building codes and obtain proper building permits when necessary.
- Expertise to site activities from **installations to Testing and Commissioning of mechanical systems.**
- Also have complete knowledge in **Cost Estimation of HVAC system for Villas and Low rise building** including the cost for Supply, Installation, Ducting, Piping and Commissioning.
- Come across **Handling Accounting with FTA VAT, WPS-Salary, PRO services (VISA and ID) and Profit Estimating Systems.**
- Excellent communication with exceptional interpersonal, problem solving and leadership skills
- Active to work as a team and coordinate.

WORK EXPERIENCE

1. **TORQUE BUILDING AND MEP SERVICES, ERNAKULAM, KERALA INDIA**
   AS A BIM MODELLER – April'18 to October '18
   Projects Undergone: LUXURY VILLA G+1
2. **REMAL AFAMIA HVAC CONT. LLC, SHARJAH, U.A.E**
   AS HVAC –MECHANICAL ENGINEER – November'18 – Till date _____
   Projects undergone – HVAC Engineer& Décor Designer
   1. Villa G+1 x 15 Across Dubai and Sharjah
   2. G+3+ Buildings x5 in Sharjah
   3. Shops x10 Across Malls in Dubai and Sharjah

Education

Bachelor in Mechanical Engineering — Graduated, July 2018
KPR Institute of Engineering & Technology — Affiliated to Anna University, Chennai, India
Coimbatore, Tamilnadu, India

Higher Secondary — Graduated, July 2014
Mount Seena Public School — CBSE Board
Palakkad, Kerala

High School — Graduated, July 2012
Mount Seena Public School — CBSE Board
Palakkad, Kerala

Professional Qualifications

- **Certified HVAC Engineer**, have knowledge in design and drafting of HVAC Systems,
- Basic Knowledge in handling Design and Calculation Plumbing, Electrical systems, Fire Alarms
- Good knowledge in **Quality Assurance and Quality Control**

Professional Affiliations

- Current member of ASHRAE and ASME
- SOE Active Membership Holder.
- Active Student member of **ISHRAE**(Indian Society of Heating Refrigerating and Air Conditioning)

Area of Interest

- HVAC Design and Controls
- Mechanical Electrical Piping
- Cost Estimation and Profit Analysis

Major Work History

1. **AS HVAC ENGINEER**
   - Determine, Analyze and compute HVAC systems
   - Calculate Cooling and Heating loads
   - Experience in handling HVAC software and ASHARE codes
2. **AS HVAC DESIGNER**
   - Calculate HVAC machine requirement for a building and villa
   - Calculate duct and grill sizing
   - Design of HVAC system and Installations
3. **AS HVAC ANALYSER**
   - HVAC system Problem Finding
   - PCB and Control wiring
   - Rectification of HVAC Systems
4. **AS MEP ENGINEER**
   - Designer for MEP systems - Beginner
   - Well known in Handling plumbing and Firefighting Codes
   - Site handling of works
5. **AS COST ESTIMATOR FOR HVAC AND MEP**
   - Cost estimator
   - Prepare BOQ for the HVAC Systems
   - MEP Material Cost Handling

6. **AS ACCOUNTANT**
    - Setting out Office files and Documents, Monthly and Daily Expenses handling in a firm
    - FTA VAT handling each quarter
    - Profit-loss analysis
7. **AS PRO AND WPS SERVICE PROVIDER**
    - Experience in handling all kind of VISA, ID and Residency for the employees.
    - Renewal and starting of new establishment procedures
    - Experience in handling WPS and Salary for the labors

Projects & Events

1. **Topic: Automobile Exhaust Thermo-Electric Generator**

Aim: Reusing of waste exhaust gas coming from vehicles

2. **Topic: Synthesis and Characterization of Fe-C-W-Ti Alloy using Powder Metallurgy**

Aim: Study and characterization of alloy using P/M route

3. **Event : International Series of Karting 2017 (ISK)**

Aim: Design and Fabricating an own go-kart (as per isk rule book) and taking it to race.

Role: Chassis Department Head (Rack and Pinion steering, Cromoly steel)

Computer Proficiency

- MS- OFFICE 2020 (Word, Excel, PowerPoint)
- Solid works 2010 (learner)
- AHU,FAHU Selection
- AutoCAD 2020 + AutoCAD Mechanical
- REVIT MEP

Languages

- English (Read, Write, Speak)
- Hindi (Read, Write, Speak)
- Malayalam (Read, Write, Speak)
- Tamil(Read, Speak)
- Arabic (Read, Speak)

Personal Details

Mother's name	:	Saibunessa Ismail
Date of Birth	:	01-October-1996
Nationality	:	INDIAN
Hobbies	:	Gamming, Travelling, Reading, Blogging
Address	:	5/465, Naaz Manzil, Kallekadu(PO) Palakkad, Kerala, India-678006

Declaration

I, Noorul Akbar, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.

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Noorul Akbar

Place: Dubai