**CURRICULUM VITAE**

**OMER**

**Mechanical Engineer (B. Tech)**

**E-mail:** **omer-397709@gulfjobseeker.com**



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 team work



ACADEMIC PROFILE

**Bachelor of Engineering in Mechanical** from Jawaharlal Nehru Technological University,Hyderabad, India.



EDUCATIONAL QUALIFICATION

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course** | **University** | **Institute** | **Year of** | **Grade** |
|  |  |  | **passing** |  |
| B.Tech | JNTUH | Aurora’s scientific | 2018 | 70% |
|  |  | technological and |  |  |
|  |  | research academy |  |  |
|  |  |  |  |  |
| Intermediate | Board of | Sri srinivasa junior | 2014 | 81% |
|  | intermediate | college |  |  |
|  |  |  |  |  |
| Ssc | Secondary | St. Lawrence high | 2012 | 52% |
|  | school of | school |  |  |
|  | education |  |  |  |



TECHNICAL SKILLS

Training in Design, Erection, Commissioning and Maintaining **H.V.A.C systems** from **Taiba** **Engineering Consultants**, Hyderabad, India.



WORK EXPERIENCE

|  |  |  |
| --- | --- | --- |
| **Designation** |  | **:** HVAC Design Engineer |
| **Duration** |  | **:** 1 Year |



JOB RESPONSIBILITES

* **Heating/cooling load calculation** following Carrier E-20, ASHRAE/ISHRAEhandbook and software, building survey and preparation of rise diagram for multi storey building
* **Selection of indoor and outdoor units** according to calculated CFM and TR
* **Selection of diffuser**, grill and gauge of G.I sheet, calculation of number of G.I sheetrequired, selection of AHU after static pressure of calculation
* **Selection of duct sizes**, Design and Drafting of all types of split A/C and preparationof **duct layout with supply and return diffusers**, Duct grill, Slot Diffusers with flexible connections for multi- storey buildings
* **Duct system design, supervision, duct fabrication and installation of the ductwork** following SMACNA 2, DW 144 codes.
* **Pipe sizing** for chillers with complete valve and fittings, pipe size calculation for chilledwater circuit to AHU, cooling tower, calculation of pipe dia. by considering friction loss, pipe sizing for VRF/VRV
* Complete design and selection of extract fans, centrifugal blowers, axial flow fans, duct in line fans
* **Selection of chillers**, pipe sizing calculation cooling tower, pump with pump headcalculation
* **Installation, testing and commissioning of HVAC system** (Air cooled/Water cooled)for residential, commercial and industrial buildings



HVAC DESIGN SOFTWARE

* HAP
* General Form
* E-20 Form
* Mc Quay Duct Size
* Mc QUAY Pipe Size
* Career Psychometric Chart Analyzer
* Beta Terminal Device Selector
* Expansion Tank Size
* Convertors



DRAFTING SOFTWARE

* AutoCAD 2000-2010



OPERATING SYSTEM

* Windows 7, Windows Vista, XP, 98.



OFFICE PACKAGE

* Ms office 2010, 2007, 2003 (Word, Excel, PowerPoint)
* Codes and standards
* Familiar with ASHRAE, SMACNA Standards



STRENGTH

* Good Communication skills summed up with splendid knowledge in the area of HVAC
* Supervise ability in HVAC system
* Ability to understand deign codes and its specification
* Self motivated, and ability to learn new concepts quickly for the organization
* Determined and ability to face new challenges and new opportunities for good outcome of the organization



HOBBIES

* Sports: Running, Exercise, Bicycling
* Music: listening



PERSONAL PROFILE

Name : Omer

Gender : Male

Date of Birth : 05-12-1996

Religion : Islam

Nationality : Indian

Marital Status : Single

Languages : English, Urdu, Hindi



DECLARATION

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

**Date :**

**Place:**

Yours Sincerely

**(Omer)**