**JISHNU**

**(MECHANICAL ENGINEER - HVAC)**

**Abu Hail**

**DUBAI, U A E**

**Email :** [**Jishnu.380898@2freemail.com**](mailto:Jishnu.380898@2freemail.com)

**DOB : 26-11-1990**





**Professional Summary**

Motivated Mechanical Engineer who consistenly uses knowledge,experience and creativity to solve complex tasks pertaining to a wide range of Hvac Design,Execution as well as Maintenance domain.

Well- practised in execution and design administration of all Hvac systems.



**Work Experience & Details**

**1.Royal Engineers. Cochin, India( 15-07-2017 to 05-04-2018)**

Royal Engineers was an Electromechanical company specialized in H-vac projects, here as an Asst.Engineer I was dealing with Design,Execution,Commission and maintenance of H-vac Projects especially Dx machines and Vrv machines also clean room projects.

Vrv patented Daikin was the major brand that I dealt with.

**2. Hsb ElectroMech Solutions Pvt Ltd. Cochin, India( 01-02-17 to 01-07-2017)**

**Designation: Hvac Engineer**.

As It was an Electro-Mechanical company,there I dealt with Hvac,Electrical and Diesel generator Installations.

Electrical Projects- Electrification works at WIMS,Wayanad (Aster DM Health care Group) & P k das Hospital,Vaniyamkulam(Nehru Group).

Hvac Projects- Trane make Vrf at DELTA Group corporate office,Trivandrum.

Trane make chilled water project at Renai Medicity,Cochin.

Bluestar make Amc works at Havells india Ltd,Cochin.

Perform preventive maintenance and service repair works and annual contract works on Hvac systems to optimize operation of systems.

**3.Techno Green Mep Solutions. Aluva,India( 15-07-2015 to 31-11-2016)**

**Designation : Hvac Engineer**

Project Details:

Project : Gem Hospital & Research Centre. Thrissur,India

Client : Gem Digestive Diseases Foundation,Coimbatore.

Consultants : P&P Associates

**Summary : Samsung VRF of 70Tr & Awal Gulf AHU DxSystems**.

Project : Palace International Convention Centre. Malapuram,India

Client : Palace Auditorium LLP. India

Consultants : Iqbal Associates

**Summary : ETA project of 100Tr Floor mounted package units.**

Project : Pinnacle Hyundai,Nissan,Royal Enfield. Thrissur,India

Client : Pinnacle India

**Summary : Carrier/ETA project,95Tr (Fmpac&Ductable&Vrf units)**

**Responsibility:-**

Developing sustainable building services designs on numerous projects including commercial,residential.

Knowledge in entire Hvac systems helps delivering detailed designs **using REVIT MEP 2017,LEED HAP.**

Working knowledge of various building service design codes such as **ISHRAE,ASHRAE,SMACNA** etc.

Performed project schematic design evaluation to ensure compliance with MEP work.

Processed design change requests in coordination with A & E consultants.

Consulted clients regarding installation requirements to develop comprehensive plans to design produce and install complete mep solutions.

Preparing schedules and reports of all mep systems.

Maintained strong channels of communication with managers, consultants and clients.

Drafted equipment reports for residential and commercial building applications.

Evaluated and revised drafted drawing dimensions as needed.

Designed industrial project mechanical work in cost-effective manner.

Estimated heat load per organizational norms and standard

Conduct energy audits to identify where system and operational changes can be made to decrease the property's energy consumption

Completed building evaluations and make recommendations so operational improvements can be incorporated

Provided oversight and quality control of work being performed

**3.Techno Green Mep Solutions. Kochi,India (From 01-11-2014 to 30-06-2015)**

Designation : Hvac Design Engineer.

Job Role : Hvac Designing and Drafting.

**Technical Skill Set :-**

Working and analytical Knowledge of **Leed HAP,Revit Mep-17,Autocad.**

Heat load calculation using E-20 Forms

CFM,TR,ADP Calculation

Heat load calculation using xl software

DUCT sizing using VRM & EFM.

Double line ducting using SMACNA rules

Diffuser selection

Sheet metal calculation, preparation of BOQ

Static pressure calculation,

Fan selection

Chill water pipe sizing

Pump head calculation

Pump selection

Drafting shop drawing preparation

**Technical Expertise and Software Skills**

**REVIT HVAC-2017**&**AUTOCAD -FOR DESIGNING.**

**LEED HAP & E20SHEET - FOR HEAT LOAD ESTIMATION**.

**MCQUAY DUCT SIZER& PIPE SIZER.**

**MS PACKAGES**.

**REVIT MEP**.

**Educational Qualifications**

**B.E in Mechanical Engineering** from the Anna University Chennai, India during 2009-2013 Passed With 65%.

**HVAC** (Heating Ventilation and Air Conditioning) – Design And Drafting From **DHAHUSH ENGINEERING SERVICES MEP CENTRE,THRISSUR**



**Academic projects**

The project topic is by FABRICATION OF WHEEL CHAIR CUM STRETCHER AND STRUCTURE ANALYSIS. Project involves working of automated wheel chair cum Stretcher&software used is **ANSYS.**



**Declaration**

I hereby declare that the above mentioned details are true and correct to the best of my knowledge and belief. I will produce all the supporting documents as original on demand.

Date