

Targeting a challenging work environment which would provide me valuable learning and professional growth, at the same time contributing to the growth of the organization as a reliable engineer.

### PROFILE SUMMARY

- Offering **2 Years 4 month** of Experience in **HVAC Project Engineer**.
- Currently Working with **Vac Design Engineers Pvt. Ltd., Chennai**.
- Comprehensive Knowledge in HVAC Including overseeing the Design of equipment, Project Timelines, Duct and Pipe Drawings, and completing project by satisfying clients requirement and closure of bills, with Make sure automation and service made right, Making Checklist During Commissioning Etc.,
- Knowledge in the Ductable Type Units, VRF Units, Package Units, AHUs with Hot Water and Precooling Coils, Humidifiers, Pumps, Air and Water-Cooled Chillers, Precision Unit for critical rooms.
- Knowledge in Erection VRF units and its copper pipes, chilled water system pipes as Per the Standard Drawings.
- Commissioning And Troubleshooting of Air Conditioning Systems in Case of Breakdown.
- Preventive Maintenance Knowledge in the Air Conditioning Systems.

### EDUCATIONAL QUALIFICATION

- B.E. Mechanical Engineering, final year, PSNA College of Engineering and Technology, Dindigul, with 8.20 CGPA.
- HSS - Standard, Good Shepherd Matric Higher Secondary School, Madurai with 69.16% (March 2019).
- SSLC - Standard, Good Shepherd Matric Higher Secondary School, Madurai with 92.4% (March 2017).

### ORGANIZATIONAL EXPERIENCE

**Company Name: VAC Design Engineers Pvt. Ltd., Chennai**

**From Date: 19<sup>th</sup> DEC 2022 to Till Date.**

**Role: HVAC PROJECT ENGINEER.**

- Project management responsibilities, including overseeing the design, installation, and testing of HVAC systems for commercial, industrial projects.
- Collaborating with architects, contractors, and clients to ensure project requirements are met.
- Conducting site surveys, performing load calculations, and selecting appropriate HVAC equipment
- Leading a team of engineers and technicians, providing guidance and technical support throughout project execution.
- Managing project budgets and timelines to ensure on-time delivery and within budget.
- Coordinating & assisting the labour and technicians to complete the project as per work schedule.
- Preparing and Closure of site measurements and Bills with handing-over document of a project.
- Strong communication and leadership abilities to collaborate with cross-functional teams and provide technical support to clients throughout the project lifecycle.
- Preparing the detailed report on project including validation reports and documentation.

## PROJECTS HANDLED:

- 512 HP VRF units installation with BMS intergration, 40 TR Ahu each floor, Basement ventilation system integrated with PLC Panel, staircase Pressurization system, with Energy Recovery Ventilator, Fire damper actuator with Master control Panel at SKCL PRIME at Chennai.
- 22 TR Ductable (DX System) units with heater integrated with Humidifier and auto sequence panel at Military MRI scan center, Chennai.
- 18 HP VRF system, Ducting and air terminals at HITACHI systems, Chennai.
- 8 HP VRF system, Ducting, VAV with Wireless integrator, field device and air terminals at TI CYCLES, Chennai.
- Oval ductingwith Smart VAV and air terminals works atSKCL andSKCL INCUBATION CENTRE, Chennai.
- 18 HP VRF system, Ducting, VAV with Wireless integrator, field device and air terminals at NEURON, Chennai.
- 16 HP VRF system, Ducting, VAV with Wireless integrator, field device and air terminals at UNIFIED VOICE COMMUNICATION, Chennai.
- 16 HP VRF SYSTEM, with Cassette units at TNCA LEVEL K STAND at MA CHIDAMBARAM STADIUM CHENNAI.
- 88 TR AHU WITH DX CONDENSING UNIT, with FABRIC DUCTS, 202 TR Dx Unit (Ductable & Cassette unit) and 12 HP VRF SYSTEM at AM JAIN COLLEGE MEENAMBAKKAM CHENNAI.
- 85 TR WATER COOLED CHILLER With VMAHU, CSU, CASSATTE UNITS with overall central controller LT panel for chiller, pumps and cooling tower at CSK HIGH PERFORMANCE CENTRE, CHENNAI.
- 48 HP VRF SYSTEM With Ductable and Hi Wall Units, 22 TR PRECISION UNIT, 12 TR CHW CSU and Low side Oval Ducting at TELE PERFORMANCE CHENNAI.

## AREA OF INTREST

- HVAC CONTROLS
- HVAC AUTOMATION / PLC AUTOMATION
- MEP

## SOFTWARE SKILLS

- FUSION 360, ANSYS WORKBENCH, AUTOCAD
- MS OFFICE

## KEY SKILLS

- Strong organizational and time management skills, Attention to detail, accuracy and adaptability.
- Effective communication and interpersonal skills.