

**FAISAL**

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**OBJECTIVE:**

To work for an organization that provides an exposure to grow professional and enable me to sharpen my technical skills and there by contribute towards the growth of the Organization.



**PROFILE:**

* **BE (Mechanical Eng.)** qualified Professional with experience in **HVAC Project a**round **4 years.**
* Overall experience in HVAC Installation, Testing and Commissioning**.**



**TECHNICAL SKILLS:**

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Software tools Operating Systems

- Microsoft office, AutoCAD, HAP.

- Windows XP/Windows 7/8/10.



**PROFESSIONAL EXPERIENCE:**

**HVAC Engineer** -March 2014–Feb 2018.

**Lotus Airtech Pvt Ltd,** Chennai- India**.**

**Duties & Responsibilities:**

* Heat load calculation by using HAP software.
* Installation of duct work as per the following SMACNA Code.
* Site supervision of all air-conditioning works.
* Selection of equipment like chillers AHU FCU exhausts fan blower & other accessories.
* Preparation of drawings for AC equipment & installation.
* Ensure smooth commissioning of erected HVAC Projects.
* Ensure HVAC Site activities are conducted under controlled condition.
* As per the drawing statement specific work plan are conducted.
* Ensure safe work environment control.
* Use of material avoids damages & procures the waste material.
* Issue HVAC Foreman daily instruction as per the work plan.
* Maintaining records & archives to the company standards.
* Restore for preparation of BOQ of material for the project.

**Knowledge in HVAC and MEP:**

* Working knowledge on Heat Load Calculations (Manual method, Excel, HAP Software).
* Basic concepts on Non-Centralized AC - Hi-Wall, Low-Wall, Console, Concealed, Cassette etc.
* Knowledge on Centralized AC - DSA, DPA, VRV/VRF, Air cooled & Water cooled chillers, Cooling Towers etc.
* Equipment Selection - AHU, Indoor and Outdoor equipment selection.
* Duct Designing - Velocity reduction method & Constant friction method.
* Arriving BOM/ BOQ.
* Knowledge of HVAC standards
* Selection - Total Head calculation, BHP and HP calculation.
* Fan Selection - Total Static pressure calculation, BHP and HP calculation.
* DX piping & chilled water piping - Open piping and Closed piping system.
* Ventilation and Exhaust systems - Toilet, Kitchen, Basement Area, Parking area, Stair-well pressurization etc.
* Accessories selection for AHU, Pumps, Chillers etc.
* On site experience.
* Basics on Fire and safety.



**PROJECT HANDLED:**

1. **Project name: G+M+5**

**Designation: Site Engineer**

**Scope of work: HVAC Installation and Commissioning.**

1. **Project name: Cinema Theatre & Shopping Mall**

**Designation: Site Engineer**

**Scope of work: HVAC Installation and Commissioning.**

1. **Project name: School Auditorium**

**Designation: Site Engineer**

**Scope of work: HVAC Installation and Commissioning.**

1. **Project name: Hotel & Villas**

**Designation: Site Engineer**

**Scope of work: HVAC Installation and Commissioning.**

**ACADEMIC CREDENTIALS:**

1. **BACHELOR OF ENGINEERING IN MECHANICAL**

Anna University – Chennai, India. Course Duration: 2009 – 2013.

1. **Professional Training Programme in HVAC**

ACE Consultants & HVAC MEP Training Institute, Chennai, India.



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| PERSONAL PROFILE: | |  |  |
| Date of Birth |  | - | 29-08-1990 |
| Gender | | - | Male |
| Marital Status | | - | Single |
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| Nationality | | - | Indian |
| Languages Known | | - | English, Tamil. |
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**DECLARATION:**

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