# EXPERIENCE

***Mechanical Engineer***

**MEP Engineer (Design),Airframe Aerodesigns Pvt Ltd, Cochin (2016 June – June 2017).**

**Projects Done**

* HVAC design and drafting for residential building (G+2).
* Plumbing design for residential building.(G+2)

**Jefin**

[**Jefin.372302@2freemail.com**](mailto:Jefin.372302@2freemail.com)

**Gender : Male**

**Citizenship : Indian**

**Date of Birth : 03-06-1993**

**Marital Status : Single**

**Skills**

*HVAC,Plumbing,Electrical AutoCad,Revit,Duct Design,Piping,Fire Fighting, Heat Load Calculation.*

* Heat load calculation and duct sizing for a hospital in Hyderabad.
* Prepared isometric drawings (chilled water lines) for Dubai Trade Centre District Cooling system.
* ESP calculation for a Labour Accommodation (G+4+R) in Dubai Investment Park.
* Done Stress analysis for chilled water and firefighting lines for Marsa Al Seef, Dubai.
* Done Stress analysis for buried chilled water lines for Jumeirah Village Circle and Jumeirah Village Triangle, Dubai.

**Mechanical Engineer Trainee At Diwan Al Emara Doha, Qatar. (Dec 2015-March 2016)**

**Projects Done**

* Private residence (YOUSAF KAMAL VILLA) in Doha using VRF (variable refrigerant flow).
* HVAC design of a palace (SHEIKH MOHAMED BIN FAISAL AL THANI) in Garrafa, Doha using roof top packaged units.
* Duct sizing and ducting layout of mosque in Doha.
* Prepared equipment schedule for private villa.

**Hvac Trainee At Taiba Engineering Consultants. (Aug 2015-Oct 2015)**

* Undergone 3 months training in HVAC and Firefighting, Designing and Drafting.
* HVAC design and shop drawing for an Apartment in Kochi (G+11).

**Languages Known**

* English
* Malayalam
* Hindi
* Tamil

**Certification Courses**

* Diploma in HVAC and Fire Fighting Designing and Drafting.
* Certified course in AUTO CAD.

**OTHER WORKS**

* Done electrical design calculation work for **Atelier Ten Environmental Design consultants**,Doha.
* Heat load calculations using HAP software and by manual methods for YOUSAF KAMAL VILLA, SHEIKH MOHAMED PALACE etc.
* Car parking ventilation for SHEIKH MOHAMED PALACE.
* FM200 calculation for firefighting.
* Stairwell pressurization calculation for SERVICE APARTMENT (2B+G+52FLOOR).

# EDUCATION

* B.TECH in Mechanical Engineering from M.G University with 7.26 CGPA **(AUG2011-JULY 2015)**
* 12th from Jawahar Navodaya Vidyalaya Idukki with 86%.
* 10th from Jawahar Navodaya Vidyalaya Idukki with 92%.

# PROFESSIONAL STRENGTH

* Capable of planning HVAC & Plumbing system design and can also be part of project implementation.
* Preparation and submittal of shop drawings (Auto Cad) and participate actively in the design and estimation of projects.
* Preparation and submittal of shop drawings (Auto Cad) and participate actively in the design and estimation of projects.
* Excellent command over Duct Designing methods and Heat Load Calculation(Manually by E-20 & General) and by software program – HAP(Hourly Analysis Program).
* Highly motivated and hardworking with the ability to work efficiently in a team as well as independently.
* Ability to communicate with others and to assimilate and understand information, in a manner consistent with the essential job functions.

# DECLARATION

I hereby declare that all the information provided are true to best of my knowledge and belief.