**THEJUS**

Email: [thejus.379859@2freemail.com](mailto:thejus.379859@2freemail.com)

**Mechanical Engineer with HVAC system specialization**

***Seeking assignments in Construction & Maintenance with a growth oriented organization by offering the best of my skills in the field of Mechanical Engineering in an effective manner.***

**CAREER SYNOPSIS**

* Talented, dynamic and results-oriented Mechanical Engineer with expertise in HVAC system having 2.8 years of extensive experience in site execution and maintenance in Building construction project in India.
* Active team player, enjoy challenges, work efficiently towards attaining goals.
* An effective communicator with excellent relationship management skills and strong technical, analytical, problem solving and organizational abilities.
* Currently pursue a challenging HVAC Engineer position that allows me to contribute effectively and efficiently towards achieving organizational goals and my career further development

**COMPETENCIES OVERVIEW**

* HVAC system works execution skills on site including quantity take-off, material and man power management, coordination, supervision, reports preparation, inspections, testing and commissioning, As-built preparation, training arrangement, HSE aspects.
* Design knowledge including Heat Load calculation, duct and pipe sizing, pump head calculation and equipment selection.
* Knowledge in Central plant(Chiller), Package unit, V R V system, Split air conditioning unit, Air Handling Unit, Fan Coil Units, Ventilation Fans, Cassette unit.
* Drafting of Fire Fighting systems and have basic knowledge in Wet pipe system and Dry pipe System.
* Preparation of Work Order and Bill for the services of HVAC Projects.
* Auto cad skills.

**PROFESSIONAL EXPERIENCE**

* 2.8 years of experience in HVAC system installation and maintenance works in Hotel and Convention center project in India.

**HVAC ENGINEER , Voltas Limited , India**

**June 2015 – March 2018**

* Responsible for site work execution and documentation update as per project requirement
* Study shop drawings for the scope and undertake quantity take –off
* Tracking the delivery of material to the site, ensuring that the shipping schedule meet the project schedule.
* Plan the work for execution and ensure required approvals, manpower, material and machinery as available as per schedule and the safe working environment.
* Supervise the work and arrange inspection to the work executed.
* Coordinate with other works and trades.
* Ensure quality, safety, housekeeping and authority requirements compliance.
* Arrange daily work progress reports to management.
* Ensure shop drawing update regularly as per work execution completion.
* Involve in testing, commissioning and maintenance team.
* Prepare As-built drawings.
* Assist management in handover process.

**PROJECT SUMMARY**

**LULU GRANT HYATT HOTEL AND CONVENTION CENTER, Bolgatty -Kochi, India**

* It’s a five-star hotel and convention center with 8 guest floors, 2 convention centers and a parking level.
* The HVAC system provided is water cooled chilled water system with the capacity of 3100 TR. There are total five centrifugal chillers of each 620 TR capacity provided to match the cooling requirements of the building.

**QUALIFICATIONS**

* **Bachelor of Technology in (B.Tech) Mechanical Engineering** with 71% from John Cox CSI Institute of Technology, Thiruvananthapuram (Kerala University) : 2011-15
* Higher Secondary in Science stream with 86% from Technical Higher Secondary School, Mallappally: 2011
* SSLC with 85% from Technical Higher Secondary School, Mallappally: 2009

**CERTIFICATION**

Attended job oriented Diploma course in HVAC and Fire Fighting at CAPS ACADEMY, Kochi Ernakulam for a duration of three months.

**COMPUTER PROFICIENCY**

* **Auto Cad**
* **H A P**
* **Duct sizer**
* **Pipe Sizer**
* **VRF Selection Software**
* **Psychometric Trane**

**PERSONAL DETAILS**

Date of birth : 22-09-1993

Gender : Male

Marital Status : Single

Languages Known : English, Hindi, Malayalam, Tamil

Nationality : Indian

Driving License : Indian

**DECLARATION**

I hereby declare that the above-mentioned details are true to the best of my knowledge and consciousness

Date: Thejus

Place: Doha