**NIHAL**

Email : [nihal-393136@2freemail.com](mailto:nihal-393136@2freemail.com)

**Summary of Experience:**

* Worked as a Trainee Engineer for a period of 1 month in,Calicut
* Worked as a Trainee Engineer for a period of 1 month in Cochin , Kerala
* Wor ked as a HV AC Engineer wi thin t he per iod Januar y 2017 to Apri l

Educational Qualification:

***B Tech in Mechanical Engineering***

Calicut University

Government of Kerala, India (2012 to 2016)

Certification:

*Designing & Drafting in HVAC*

3 months (Full Time)

*Quality Assurance & Quality Control Engineering* (IncludesDT, NDT, Piping Engineering, Welding Engineering &

Procedure)

2 months (Full Time)

Computer Proficiency:

*AutoCAD*

*Autodesk Revit*

*Microsoft Office Packages (Word, Excel & Power Point)*

Professional Experience:

**Over 2.5 years**

Date of Birth:

19-July-1994

Nationality:

Indian

Marital Status:

Unmarried

Driving License:

Having Valid Indian Driving License

Language Proficiency:

English, Hindi, Tamil & Malayalam

**Career Objective:**

Seeking a position in ***Engineering*** field with a progressive company that provides job satisfaction, career growth and ample opportunity to learn and enrich competencies in my profession as a productive team member.

**Skills:**

* HVAC Design and Drafting
* Kitchen Ventilation system design, Car Parking Ventilation system design, Toilet Ventilation system design.
* Heat load analysis (Manual, HAP), Duct sizing & routing, ESP analysis, Machine selection, Chilled water system design, Chilled water pipe sizing & routing, VRF selection.
* Strong communication, interpersonal, problem-solving and Critical thinking skills
* Possess excellent presentation and organizational skills
* Ability to design fluid mechanics and machine elements
* Knowledge of basic operating systems like Microsoft Word, Excel, Access and PowerPoint
* Familiar with software tools like Revit MEP, AutoCAD
* Possess excellent verbal and written communication skills

**Professional Experience:**



Designation

: HVAC Engineer

Duration of work : **January 2017 to April 2019**

**Job Description:**

* Preparation of Design Concept reports and specifications.
* Responsible for performing Design calculations
* Preparation of Design, Shop and MEP Coordination drawings of the project.
* Responsible for designing of Piping & Ducting and equipment's (like AHU, FCU and Fans) static pressure calculations.
* System Volume & Pump Head calculations, its Scheduling and selection of best-suited equipment.
* Raising material and equipment requisitions and preparation of Bill of Quantities as per scope of work
* Provide technical assistance to concerned departments, liaison with an architect, client/consultant, site visits (whenever required) to support the project team.
* Handled design of following ventilation (Car Parking Ventilation system design, and Toilet Ventilation system design, Kitchen Ventilation system design)
* Heat load analysis (HAP), Duct sizing & routing, ESP analysis, Machine selection, Chilled water system design, Chilled water pipe sizing & routing, VRF selection.
* Performed responsibilities of providing engineering input in estimating equipment and material cost for successful project execution
* Handled the task of assisting the senior HVAC design engineer in designing and configuring control systems
* Assigned responsibilities of defining project specification to ensure quality work that meets customer requirements
* Performed the task of developing initial design documents that contains layout and construction phases
* Developed standard design criteria to support HVAC designs for handling various projects



**References:**

References can be provided on demand.

**Declaration:** I hereby declare that all the details given above are true to the best of my knowledge