**CURRICULUM VITAE**

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 **MOHAMMED**

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**OBJECTIVE:**

Seeking to work in quality environment where my knowledge and experience can be shared and enriched looking forward for the opportunity where I can improve my quality professional skills and talent.I ensuring credible performance which eventually leads the company’s reputation on to a high pedestal and relate my career with company’s growth.

**PROFESSIONAL SUMMARY:**

* Around **2 years** of experience in all **HVAC execution** works with good knowledge on **designing** part.
* Providing the efficient execution within given manpower, **cost & time**.
* Coordinating with MEP consultants for drawings prior to execution.
* Executed **HVAC internal & external** works as per drawings which includes cost effective suggestions for designing and executing same on site.
* Working experience of various phases of **MECHANICAL** such as **Design, Execution, Estimation, BOQ’s, Reporting** etc.
* Analyzing the drawing and executing the installation as per drawings.
* Lead, guide and motivate team of technicians and operators to **achieve the excellence**.
* Preparing weekly **reports**, DPR, MPR and other relative reports.
* Preparation of R.A **Bills** of the contractors according to work being executed.

**PROFESSIONAL EXPERIENCE:**

**HYDERABAD INSULANTIONS CORPORATION SEP15 – SEP 17**

**ROLE: MECHANICAL ENGINEER**

**PRIMARY RESPONSIBILITIES:**

* + Receiving design documents and reviewing the same.
	+ Reviewing design drawings and prepare detailed shop drawing accordingly.
	+ Preparing technical submittal for shop drawing and materials according to the project specification.
	+ Follow the approval of the material submittal and shop drawing with the consultant.
	+ Co-ordinate the HVAC/ works along with the civil trades and other electro-mechanical works.
	+ Coordinating with MEP consultants for drawings prior to execution
	+ Ordering of materials and equipments as per approved materials submittals and follow up for deliver to site.
	+ Raising Material Inspection request (MIR) for material delivered at site and getting approval same.
	+ Co-ordinate the HVAC/Plumbing works with the other electro-mechanical works.
	+ Allocating the man power according to the site activities and work priorities.
	+ Preparing weekly / monthly reports and submitting to consultant / client for their review and records.
	+ Directly reporting to the project Manager/ Operation Manager.
	+ Preparing cost analysis for any additional works and getting approval from the client

**WORK AS A TRAINEE:**

**KG MECH Electro-Mechanical Pvt. Ltd.**

* **Real Time Training in “HVAC- DESIGNING AND DRAFTING” as well as Execution all parts of HVAC.**

**TRAINING DETAILS:**

* **HVAC – Design & Drafting:**
* **Designing Work Ability – Mechanical:**
* Heat load calculation after building survey using CARRIER and ASHRAE standards by manuals and by latest HVAC ASHRAE E20 Form
* Calculation of blower CFM, air distribution duct design following SMACNA duct design codes, selection of diffusers, grilles G.I sheet etc. (Mc Quay Software)
* To prepare the selection of machines like FCU’s, AHU’s, Chillers, Pumps etc, on the basis of Heat Load calculations from respective models like Blue Star, Voltas, and Carrier etc.
* Preparing the Air Distribution System for the complete design.
* Calculating the Duct Sizing according to the CFM by using Mc Quay Software
* Calculating the Pipe Sizing for the chilled water system according to the GPM.
* Preparing the BOQ for the complete project.
* Preparing the Equipment and Technical Schedule depending upon the project..
* Preparing the Schematic drawing for the project HVAC System Ducting and Chilled Water piping.
* Preparing the Pump Head Calculation for the selection of Pump Head.
* Preparing the Static Pressure Calculation fort the selection of AHU Fan capacity.
* Preparing the Shop drawings for Ducting and Chilled water system
* Preparing the Sections for the complicated areas and for the plant rooms.

**EDUCATIONAL QUALIFICATION:**

* Completed Bachelor of Technology **B.TECH** in **MECHANICAL Engineer** (**MECH**) in **2016**, from **Jawaharlal Nehru Technological University** –Hyderabad.

**TECHNICAL SKILLS:**

* Capable of Designing & Drafting HVAC Systems for Construction Industry.
* Able to Design HVAC System for any project.
* Capable of working on International (Gulf) Projects.
* Expert in AutoCAD drafting & Shop Drawing for HVAC Systems.
* Ability to handle Site Erection/Inspection of HVAC Systems.

**SOFTWARE SKILLS:**

* Auto CAD, HAP 4.5, E-20 Load Form, Mc Quay Duct Sizer & Pipe Sizer.
* Diploma in Computer Applications (DCA)
* MS OFFICE (Word, Excel)

**PERSONAL PROFILE:**

* Date of Birth : 29-01-1994.
* Marital Status : Single.
* Nationality : Indian.
* Religion : Islam.
* Visa status : Visit visa (Valid till:20 jan 2018)

**DECLARATION:**

I hereby declare that, the above information is true to best of my knowledge.

 **Place :** sharjah (UAE)

**Date :**