**COVER LETTER**

**JOB APPLICATION**

To

The HR Manager

**Sub:** Application for the post of **MechanicalEngineer,**

Dear sir,

With reference to the above subject, I avail this opportunity to introduce myself S MD AHMED ZUBAIR. I am in a field where creative and logical thinking is must and I am confident that I can do justices to the work with my talent and skills.

Being actively involved in the field of **HVAC AND RIVETMEP** for 2 **years,** I have gained wide experience, which has benefited me professionally and broadened my creative and logical thinking in the **MEP** field.

I am confident to Design& Draft the Mechanical works for commercial, Residential, Hospitalized & industrial projects.

I’m enclosing here my **Curriculum Vitae** for your kind consideration of my candidature and hope that I may get an opportunity to prove my worthiness.

Keeping in view of my qualification, knowledge and experience, I am confident that I can fulfill the above-mentioned assignment perfectly and live up to your expectations.

Looking forward for a favorable response.

With best regards,

CURRUCULUM VITAE

 Shaik

[Shaik.348375@2freemail.com](mailto:Shaik.348375@2freemail.com)

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| BRIEF OVERVIEW: |

Looking for a challenging and demanding position in a growth oriented HVAC and RIVET MEP consulting/contracting/ construction organizations, where there is ample scope for individual and organizational growth.

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| SUMMARY: |

Around**2YEARS OF EXPERIENCE IN HVAC and MEP**Industry with, good analysis and design capability, good communication and interpersonal skills, proven individually in project management and worked with team of professionals.

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| EDUCATIONAL QUALIFICATION: |

* B.Tech [Mechanical Engineering] with **63%**from Brindavan College Of Engineering And Technology (JNTU),Kurnool in April 2011 - 2015.
* Polytechnic (Mech) with **59%** fromGovt polytechnic for minarites

kurnool in April 2007 - 2010.

* SSC passed with **68.5%** fromSreeramakrishna EM school, Kurnool, in April 2007.

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| COMPUTER KNOWLEDGE: |

Hvac Design Software:

* HAP
* ELITE
* TOSHIBA
* ZAMIL
* GENERAL FORM
* E-20 FORM
* Mc QUAY DUCT SIZER
* Mc QUAY PIPE SIZER
* CAREER PSYCHOMETRIC CHART ANALYSER
* BETA TERMINAL DEVICE SELECTOR
* EXPANSION TANK SIZER
* CONVERTERS

# Revit - MEP:

* Revit Architecture
* Revit Mechanical
* Revit Electrical
* Revit Plumbing
* Navas works

# Drafting Software:

* AutoCAD 2000-2015
* AutoCAD Civil Drafting

# Operating Systems:

* Windows 10,8, 7,Windows Vista, XP, 98.

# **Office Package:**

* MS Office 2010, 2007, 2003 (Word, Excel, PowerPoint)

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| TECHNICAL EXPERTISE: |

# HVAC JOB RESPONSIBILITIES:

* Heat Load calculations, Heat Loss calculations following **ASHRAEStandards**.
* Air Distribution System by Velocity Reduction Method, Equal Friction Method and Static Regain Method following**SMACNA Standards**.
* ESP Calculations for Fans & Blowers.
* Evaporator cooling coil selection.
* Toilet & Kitchen Ventilation system Designing.
* Stairwell pressurization system Designing.
* Car Parking ventilation and fresh air system Designing.
* Head Loss calculation for Primary & Secondary Pump system.
* Chilled water pumps, condenser water Pumps Selection and power calculation.
* Selection of Chillers, AHU’S, FCU’S, Exhaust Fan, Blower, Window Ac,CoolingTower, Desert Cooler and other Equipment’s.

REVIT JOB RESPONSIBILITIES**:**

* Mechanical HVAC Services
* Electrical Services
* Plumbing Services

FIRE FIGHTING JOB RESPONSIBILITIES**:**

* Fire water Demand &Fire water tank Calculation following **NFPAStandards**.
* Head Loss calculation for Fire water pumps system.
* Jockey pump, Main Pump, Diesel Operated Pump, and Booster Pumps Selection.
* Sprinkler system, Fire Hose Cabinet,Water Hydrant system, Smoke detector, Heat detector Selection.
* FM 200(Waterless system) Designing and Fire Extinguisher Selection.

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| RESPONSIBILITIES AS A MEP Designer Engineer |

* Worked as a MEP Designer Engineer.
* Preliminary planning based on Architectural drawings.
* Co-ordination with architectural and structural & all MEP work.
* Monitoring the sub contractor work progress, checking the quality of work as per specification and approved drawings.
* Checking of all HVAC & Plumbing Service Drawings.

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| PROJECTS HANDLED: |

* Office building,Veerana apartment is HVACDesign of a building and site requirements were handled by my institute Taiba Engineering consultants.
* And many other projects like jothi mall, spencer, hospitals in private builders like MS9, skanda in kurnool.

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| PERSONAL DETAILS: |

Sex : Male

D.O.B : 10.07.1992

Marital Status : UNMARRIED

Nationality : Indian

Language Known : English, Urdu, Hindi and Telugu

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| DECLARATION |

I hereby declare that the above furnished details are true to the best of my knowledge and belief.