

SYED MUHAMMAD ZAHID KAUSAR

Mechanical Engineer
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Curriculum Vitae

SKILLS SUMMARY OF PROFESSIONAL

- Having Four Years of Working Experience in MEP firms as a Mechanical site engineer
- Installation of HVAC chilled water system, Air Handling units (AHU's), Fan coil units (FCU's), Fresh air handling units (FAHU'S), Ductable Air conditioner, Chillers, Cooling Tower, Package units, VRV/VRF System, Split units & other HVAC system
- Providing technical advice and solving problems on site
- Performed Mechanical Design calculation such as Heating, Ventilation & Air Conditioning
- Select and lay out HVAC equipment based on Heating and Cooling load calculation
- Static pressure calculation, pump head calculation, kitchen ventilation, car parking ventilation
- Design duct work system and HVAC piping system
- Performed machine selection, Duct installation and piping system related job
- Prepare Bill of Quantity & quotation of different clients
- Review project materials and drawings submitted by sub contractors to ensure they are as per client's specification, Make recommendations to fix any deviations
- Perform site inspection time to time to follow up on work progress ensuring that work is carried out as per approved drawings, material and work schedule
- Supervising & Monitoring the Site labor force and Subcontractors
- Attending technical meeting with the Consultant, Client's representative and Main Contractor as appropriate to focus on emerging actions, milestones and deliverable
- Ability to work on multiple projects independently
- Ordering and Negotiating the price of materials
- Liaising with clients, subcontractors and other professional staffs
- Ensuring projects meet agreed specifications, budget & time scales
- Checking and preparing site reports
- Team working and management skills
- Good technical & analytical skills

EDUCATIONAL QUALIFICATIONS

Degree	Period	Institution	Remarks
Bachelor of Technology (B.Tech) in Mechanical Engineering	2011 To 2015	Lovely professional university Jalandhar Punjab (INDIA)	Secured First Class

WORK EXPERIENCE (INDIA)

Employing intity: Sigma Airtech pvt Ltd

Tenure: December 2014 to September 2018

Position: Mechanical Engineer

Department: Mechanical (HVAC Works)

Project	Role in project
Noida sec-16(India) mall & office Building	<p>Noida sec 16 is landmark project under construction which comprises a Mall, Big Supermarkets, Cinemas, Store departments, large and medium retail units, food and beverage spaces and high end retail area of fully Air conditioning of 700 TR AHU System</p> <p>Skills Employed: HVAC working mechanism and it parts & parts working,Engineering calculation,Handled client inquiries and management of site activities, Assisted with the project management activities, Reviewed and revamped planning and production procedures, Reviewed and optimized internal and client systems, Contributed in fixing budget and time schedule for projects, Managed a team of labors and technicians at site</p> <p>Duration of my work on project: (Dec 2014 to JUNE 2016)</p>

Project	Role in project
Sona koyo steering system limited Gurgaon Haryana(India)	<p>The project which comprises the fully air conditioning of sona koyo steering system limited of its equipment department, material department, office department ,canteen department of 500 TR Ductable Air conditioner</p> <p>Skills Employed :VRV working, heat load calculation,selection of machine,installation of ducting, piping system,conducted monthly audits to ensure timely project completion,monitored material delivery to work site to ensure adherence to schedule,assisted coustomers with project evaluation reviews.</p> <p>Duration of my work on project: (JUNE 2016 to MAY 2017)</p>

Project	Role in project
<i>Shree guru gobind singh tricentenary university gurgaon Haryana(India)</i>	<p>The project which comprises the fully air conditioning of SGT UNIVERSITY of its Classroom, faculty Department, Lab Department, Library Department, canteen Department of 700 HP VRV system.</p> <p><i>Skills Employed</i> : VRV working, heat load calculation, selection of machine, installation of piping system, conducted monthly audits to ensure timely project completion, monitored material delivery to work site to ensure adherence to schedule, assisted customers with project evaluation reviews.</p> <p><i>Duration of my work on project:</i> (JUNE 2017 to NOV 2018)</p>

PROFESSIONAL TRAINING

- Attended and successfully completed Project Management course conducted by LOVELY PROFESSIONAL UNIVERSITY. This was a long 3 months Management Development program which was designed to equip the Managers with the skills, knowledge and perspectives essential to working effectively in managerial roles.
- Attended and successfully completed HEATING VENTILATION & AIR CONDITIONING (HVAC) Design & Drafting course conducted by DHANUSH ENGINEERING SERVICE PVT LTD Which is tie-up with Government of India NATIONAL SKILL DEVELOPMENT CORPORATION. This was a long 45 days course which was designed to Develop the knowledge of HVAC Design & Drafting.
- Attended and successfully completed Diploma in AutoCAD Mechanical from WIZCRAFTER the CAD institute which is AUTODESK Authorised Training Center.

COMPUTER KNOWLEDGE & SKILLS

- Familiar with use of most MS office applications
- Able to work in Auto Cad for design review

PERSONAL PARTICULARS

Date of Birth : JAN 10, 1990
Nationality : Indian
Languages known : English, Hindi, Urdu
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