

Omer Ahmed

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Summary

Detail-oriented Mechanical Engineer with +2 years of experience in HVAC systems. Proficient in the installation, repair and maintenance of residential units. Dedicated to overcoming challenges, solving design and field issues effectively and able to handle multiple projects at once with minimal supervision. Looking to secure a challenging position in a reputable organization that expands my knowledge and skills while making a significant contribution to the company's success.

Experience

HVAC Projects Engineer

ACE for Air Conditioning

Jul 2020 - Sep 2022 (2 years 3 months)

- Managed two projects with a budget exceeding \$1.5 million and ensured technical and legal requirements were met.
- Utilized SOLIDWORKS Simulation to design, construct and test prototypes necessary for the installation to insure they met all safety requirements.
- Led and collaborated with a team of +5 junior mechanical engineers to design, troubleshoot and install a variety of cooling and ventilation equipment.
- Ensured that all HVAC equipment and Ductwork in the plant complied with engineering standards and requirements.
- Designed and installed utilities and HVAC systems for high-tech facilities, including clean rooms and factories.
- Involved with the design department in the process of heat load calculations for commercial buildings using HAP Carrier.
- Coordinated with other MEP and architectural departments to insure no conflicts exists.
- Estimated materials quantity required for installation for all projects including ducts.
- Solved various installation challenges and applied creative solutions to meet design needs and customer satisfaction.
- Ability to select VRF systems by using both methods (manually or by computer software).

Education



University of Nottingham

Bachelor of Engineering, Mechanical Engineering

2016 - 2020

Skills

AutoCAD • Revit • Microsoft Office • Communication • Teamwork • Creative Problem Solving • Collaborative Leadership • Attention to Detail • Commitment towards work