

Norva Estupinian

HVAC Engineer

Profile

Results-driven HVAC Engineer with a strong background in design, installation, and maintenance of heating, ventilation, and air conditioning systems. Proficient in industry-specific software, energy management, and LEED guidelines, with a proven track record of delivering innovative solutions to optimize efficiency and performance. Adept at project management, conducting assessments, and implementing cost-saving strategies, while ensuring compliance with safety regulations. Demonstrates excellent communication and collaboration skills, contributing to the success of cross-functional teams and consistently meeting project deadlines.

Employment History

HVAC Engineer at Comfort Systems USA, MO

May 2023 - Present

- Designed and implemented an energy-efficient HVAC system for a large commercial building, resulting in a 30% reduction in energy consumption and saving the client \$50,000 annually in energy costs.
- Successfully managed a team of 10 technicians to complete a complex HVAC retrofit project within a tight deadline of 3 months, leading to increased customer satisfaction and a 15% increase in new business referrals.
- Conducted extensive research and analysis on emerging HVAC technologies, leading to the adoption of a new variable refrigerant flow (VRF) system that improved overall system performance by 20% and reduced maintenance costs by 25%.
- Developed and delivered comprehensive training programs for junior engineers and technicians, improving their technical skills and increasing department productivity by 10%.

Associate HVAC Engineer at Design Mechanical Inc., MO

Sep 2019 - Mar 2023

- Successfully designed and implemented HVAC systems for over 50 commercial and residential projects, resulting in a 95% customer satisfaction rate and contributing to a 20% increase in company revenue.
- Optimized energy efficiency of HVAC systems in 30 buildings, reducing energy consumption by 25% on average and saving clients an estimated \$1.5 million in energy costs annually.
- Led a team of junior engineers in the completion of a large-scale commercial HVAC project within a tight deadline, resulting in a 10% increase in company profits and securing a long-term contract with a major client.

Education

Bachelor of Science in Mechanical Engineering with a focus on HVAC systems at Missouri University of Science and Technology, Rolla, MO

Details

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Links

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Skills

- Psychrometrics
- Load calculations
- Ductwork design
- Piping design
- Building automation systems (BAS)
- Energy modeling
- Refrigeration cycle

Languages

- English
- Dutch

Hobbies

- Building and repairing electronic gadgets
- Experimenting with renewable energy systems
- 3D printing and prototyping designs