



Phone: (555) 234-5678

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EXPERTISE SKILLS

- HVAC Design
- Energy Efficiency
- Thermal Load Calculations
- Project Management
- AutoCAD
- Building Codes

LANGUAGES

- English
- Spanish
- French

CERTIFICATION

- Bachelor of Science in Mechanical Engineering, University of Michigan

REFERENCES

John Smith

Senior Manager, Tech Corp
john.smith@email.com

Sarah Johnson

Director, Innovation Labs
sarah.j@email.com

Michael Brown

VP Engineering, Solutions Inc
mbrown@email.com

MICHAEL ANDERSON

LEAD THERMAL ENGINEER

Results-driven Thermal Engineer with over 10 years of experience in the HVAC industry, specializing in thermal dynamics and energy efficiency. I have a proven track record of designing and implementing innovative heating and cooling solutions for commercial buildings, which have significantly reduced energy consumption and operational costs. My expertise includes performing thermal load calculations, selecting appropriate HVAC equipment, and ensuring compliance with environmental regulations.

PROFESSIONAL EXPERIENCE

Green Building Solutions

Mar 2018 - Present

Lead Thermal Engineer

- Designed energy-efficient HVAC systems that reduced energy consumption by 30% across multiple projects.
- Conducted thermal load calculations to ensure optimal equipment selection and performance.
- Managed projects from conception to completion, ensuring adherence to timelines and budgets.
- Collaborated with architects and contractors to integrate HVAC systems into building designs.
- Evaluated system performance and implemented improvements, achieving energy savings awards.
- Provided training and support to junior engineers on thermal design principles.

Comfort Systems Inc.

Dec 2015 - Jan 2018

Thermal Engineer

- Developed and optimized thermal systems for commercial HVAC applications, improving efficiency by 20%.
- Conducted site assessments to identify thermal performance issues and recommend solutions.
- Utilized AutoCAD and Revit for system design and project documentation.
- Collaborated with the installation team to ensure proper system implementation and operation.
- Performed energy audits to identify savings opportunities for clients.
- Maintained up-to-date knowledge of industry trends and regulations to ensure compliance.

ACHIEVEMENTS

- Led a project that received a national award for excellence in energy efficiency.
- Reduced project costs by 25% through innovative design and material selection.
- Authored a white paper on sustainable HVAC practices presented at industry conferences.