

MY CAREER



- Lead CFD Analyst at Innovative Engineering Solutions (5.2 Years)
- Senior Mechanical Engineer at Engineering Dynamics Corp (3 Years)
- Mechanical Engineer at Thermal Solutions Technologies (2.8 Years)

- Designed and evaluated cooling systems for various applications, ensuring optimal performance and compliance with regulatory standards.
- Assisted in the development of innovative thermal analysis methods, contributing to research and development projects.
- Participated in cross-functional teams to deliver solutions that addressed complex engineering challenges in building systems.
- Maintained rigorous documentation of engineering processes and results, facilitating knowledge transfer and project continuity.
- Engaged in client consultations to understand their needs and provide tailored engineering solutions.
- Enhanced software tools used for thermal simulations, improving accuracy and user experience.

LEADERSHIP & AWARDS

- Awarded Engineer of the Year by Innovative Engineering Solutions for outstanding technical contributions in 2023.
- Recognized for leading a project that reduced energy consumption by 15% across multiple facilities in 2022.

EDUCATION

Bachelor's Degree in Mechanical Engineering
Georgia Institute of Technology 🎓 GPA: 3.8 📅 2015 📍 Atlanta, GA
Coursework: Thermodynamics, Fluid Mechanics, Heat Transfer, Advanced Mechanics

CERTIFICATIONS

- Certified Energy Manager (CEM) 📅 2022
- Professional Engineer (PE) 📅 2021

TECHNICAL SKILLS

- **CFD Tools:** ANSYS Fluent, COMSOL Multiphysics, Autodesk CFD
- **Modeling Software:** SolidWorks, AutoCAD, Revit
- **Analysis Tools:** MATLAB, Simulink, Python
- **Documentation Platform:** Microsoft Office, LaTeX, Google Workspace
- **Energy Simulation Software:** Trace 700, EnergyPlus, OpenStudio
- **Data Analysis Tools:** Excel, MATLAB, R
- **Programming Languages:** Python, Java, C++
- **Project Management Tools:** Trello, Asana, Microsoft Project
- **Communication Tools:** Slack, Microsoft Teams, Zoom
- **Quality Standards:** ASHRAE, ISO 9001, LEED

PROFESSIONAL AFFILIATIONS

- Member of American Society of Mechanical Engineers, actively participating in leadership committees.
- Volunteer mentor with STEM outreach programs, promoting engineering within local schools.

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST