

Professional Summary

Results-driven Mechanical Engineer with 12+ years of experience in HVAC, REVIT, MEP design, and estimation. Proven track record of delivering high-quality projects on time, with expertise in leading cross-functional teams and driving process improvements. Seeking a challenging role that leverages my technical and leadership skills to drive business growth.

Professional Experience

Senior Design and Estimation Consultant (CO09)

Inazuma.co | January 2020 - Present

Design and Estimation Engineer

Amnear Engineers Consultancy | June 2018 - December 2019

Key Achievements:

- Improved project delivery time by 30% through process optimization and team efficiency enhancements.
- Successfully led a team of 5 engineers on a high-profile project, resulting in a 25% increase in client satisfaction.

Responsibilities:

- Designed and estimated HVAC and MEP systems for commercial and residential projects.
- Coordinated with architects and contractors to ensure seamless project execution.

Junior Design Engineer

GreenTech Engineering Solutions | March 2015 - May 2018

Key Achievements:

- Developed and implemented a new design workflow, reducing errors by 40%.
- Collaborated with the sales team to prepare technical proposals, resulting in a 20% increase in new business acquisitions.

Responsibilities:

- Assisted in designing HVAC and MEP systems for small to medium-sized projects.
- Conducted site visits to ensure design compliance and resolve installation issues.

Design Intern

Mechanical Systems Inc. | June 2013 - August 2013

Key Achievements:

- Created detailed design drawings for a commercial HVAC project, receiving positive feedback from the project lead.
- Assisted in conducting site surveys to gather project requirements.

Responsibilities:

- Supported the design team in creating 2D and 3D models using AutoCAD and REVIT.
- Researched and recommended energy-efficient design solutions for clients.

Education

Bachelor of Science in Mechanical Engineering

University of Michigan | May 2013

Technical Skills

Design and Modeling:

- REVIT
- AutoCAD
- SketchUp

Estimation and Analysis:

- MS Excel
- Cost Estimation Software (e.g., Bluebeam, PlanGrid)
- Energy Analysis Tools (e.g., eQUEST, EnergyPlus)

Project Management:

- Asana
- Trello
- MS Project

Operating Systems:

- Windows
- macOS