



MICHAEL ANDERSON

LEAD MECHANICAL BIM ENGINEER

CONTACT

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- San Francisco, CA

SKILLS

- BIM
- Revit
- Navisworks
- HVAC Systems
- Team Leadership
- Sustainable Design

LANGUAGES

- English
- Spanish
- French

EDUCATION

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING, STATE UNIVERSITY, 2012

ACHIEVEMENTS

- Achieved a 20% reduction in project delivery time by optimizing BIM workflows.
- Received commendation from clients for outstanding project performance and communication.
- Contributed to the successful launch of a new BIM training program for junior engineers.

PROFILE

With a decade of experience as a Mechanical BIM Engineer, I have a proven track record of delivering high-quality mechanical designs for various sectors, including healthcare, commercial, and industrial projects. My core competencies include 3D modeling, system integration, and project lifecycle management. I am adept at utilizing advanced BIM tools like Revit and Navisworks to enhance collaboration and improve project outcomes.

EXPERIENCE

LEAD MECHANICAL BIM ENGINEER

Innovative Engineering Group

2016 - Present

- Directed the BIM implementation process for large-scale healthcare projects, enhancing coordination.
- Prepared detailed mechanical models that improved design accuracy and reduced rework.
- Facilitated workshops to educate clients on BIM processes and benefits.
- Managed a team of engineers, ensuring project milestones were met on schedule.
- Integrated sustainable practices into mechanical design, achieving LEED certification for multiple projects.
- Conducted training sessions for staff on the latest BIM software updates and features.

MECHANICAL DESIGNER

BuildSmart Engineering

2014 - 2016

- Created 3D models for mechanical systems in commercial buildings using Revit.
- Collaborated with architects to ensure design compatibility and adherence to standards.
- Performed thermal load calculations to optimize HVAC system designs.
- Provided technical support during construction phases to resolve design issues.
- Assisted in the development of project specifications and quality control procedures.
- Participated in client meetings to discuss design progress and gather feedback.