

Capstone: Your trusted BIM Partner for Architectural and Engineering Excellence

BIM is transforming architecture in the US. 3D models allow for clear communication with clients and stakeholders. Collaboration across disciplines is supercharged, with BIM reducing errors by up to 70%. Clash detection saves projects 10-15% in costs by preventing rework. Architects can design for sustainability with BIM's data analysis tools. Project management is also streamlined with BIM software. With the US BIM market expected to hit \$10.6 billion by 2027, BIM isn't a fad, it's the future of smarter building design. Here at Capstone Engineering, we're at the forefront of this movement, using our BIM expertise to deliver high-performance, cost-effective architectural solutions for our clients.

Our BIM Expertise:

- 3D BIM Model Generation:
- Clash Detection and Resolution
- Design Development throughout the Project Lifecycle

About Capstone Engineering Solution:

Welcome to Capstone, where innovation meets expertise in architecture, building, and industrial services. With a proud legacy spanning over 17 years, we have emerged as a trusted partner for industry giants like Specon, Petrofac, TechnipFMC, AECOM, and Dodsai. Our journey is marked by a relentless pursuit of excellence, delivering top-notch solutions in architecture, building, house exteriors, renovations, and industrial projects.

Our Services:

- Conceptual Design Development & Modeling
- Detailed Design Development
- Interior Design Support & Documentation
- Clash Detection & Coordination with Trades
- Construction Drawings
- Interiors Model and Drawings
- Architecture & Interiors Typical Details
- Quantity Take-offs
- Laser scan / Point-cloud to BIM
- Rhino/SketchUp to BIM
- Revit Content & BIM Library
- Interiors & Exteriors Renderings
- Walkthroughs & Virtual Mock-ups



BIM for Architects



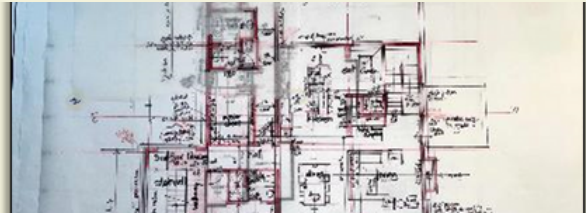
Sectors we facilitate:

- Residential Buildings
- Commercial Buildings
- Railway Stations and Airports
- Hospitals, hotels, and Resorts
- Schools and Universities
- Industrial Gas Stations
- Historical Monuments

Revit Modeling



Inputs – Hand Sketches



Concept Design Support



Work Process:

From concept to completion, Capstone leverages BIM to deliver architectural and interior design services. We create intelligent 3D models to optimize design, streamline workflows, and minimize construction challenges.

Software Used:

Leveraging industry-leading BIM software like Revit, ArchiCAD, and Vectorworks, Capstone Engineering delivers cutting-edge architectural BIM solutions.



Our Project Portfolios

Modern Residential Building



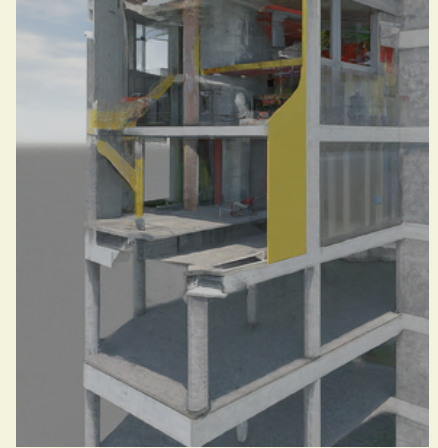
Panoramic Cityscape



Historical Building Renovation



Detailed Building Section



Construction Phasing Visualization



We depict innovative architectural forms, sustainable infrastructure, and seamless integration with nature through BIM.

Sustainable Design Analysis



Contact Us

Contact us today for a free consultation to discuss your specific needs and see how our BIM solutions can optimize your AEC project.

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CAPSTONE
Engineering Simplified