

Capstone: Your trusted BIM Partner for Architectural and Engineering Excellence

India's architectural landscape is undergoing a revolution fueled by Building Information Modeling (BIM). 3D models bridge the communication gap between clients and stakeholders, ensuring everyone is on the same page. BIM software also fosters seamless collaboration across disciplines like architecture, engineering, and construction, leading to a dramatic reduction in errors. A 2022 report by Mordor Intelligence suggests a potential error reduction of up to 70% in the Asian construction sector, which significantly benefits India. This translates to real financial gains as well. BIM's clash detection capabilities minimize rework, saving projects an estimated 10-15% according to industry leaders in India. Beyond cost savings, BIM empowers architects to design for sustainability with advanced data analysis tools, optimizing buildings for energy efficiency and resource conservation. BIM also streamlines project management, providing real-time insights for better control and improved project delivery. As the global BIM market surges towards \$10.6 billion by 2027, BIM isn't a fad; it's the future of intelligent building design in India. Here at Capstone Engineering, we're at the forefront of this movement, leveraging our BIM expertise to deliver high-performance and cost-effective architectural solutions for your projects.

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 Dodsal. 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



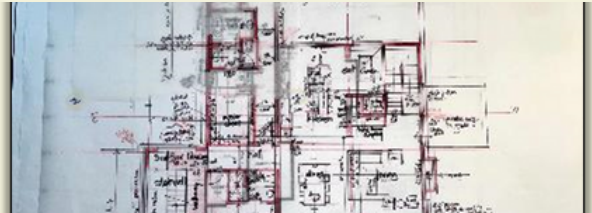
Sectors we facilitate:

- 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