

We build it **on screen** first.

BIM models for architects, engineers and contractors: architectural, structural and MEP modeling, clash detection, scan to BIM, steel detailing and 3D visualization. Built in Ahmedabad, delivered worldwide.



ILLUSTRATIVE 3D MODEL

WHO WE ARE

A BIM studio led by architects.

Sactik is a team of architects and BIM specialists in Ahmedabad, India. We build detailed models for architects, engineers and contractors around the world, so their projects are checked on screen before they are built.

Sactik was founded in Ahmedabad in 2017 by Sachin and Jasmita Devaliya. Sachin brought two decades of architectural practice across the USA, India, Australia, London and the UAE, and a belief that the best models come from people who have designed and built.

That background shapes how we work. We read drawings as architects do, we ask the questions a site team would ask, and we build models that the next person in the chain can actually use. We work as an extension of our clients' teams.

Sachin Devaliya

DIRECTOR

Two decades of architectural practice across the USA, India, Australia, London and the UAE. A civil engineering graduate (Delhi University) and certified in Autodesk Revit Architecture. Co-founded Sactik in Ahmedabad in 2017.

Jasmita Devaliya

FOUNDER

Leads the company's direction and client relationships, with a focus on accuracy, efficiency and a culture of collaboration across the team.

Aditi

ARCHITECT AND BIM MANAGER

Combines architectural design with BIM process management: leads the modeling team and keeps every project to the client's standards.

FOUNDED

2017, Ahmedabad

SOFTWARE

Autodesk Revit, Autodesk Navisworks, AutoCAD

WE DELIVER

RVT, RTE, IFC, DWG, PDF, NWD

CONFIDENTIALITY

NDA signed before files are shared



OUR APPROACH

Architects first. We check our own work. Scope in writing. Your files stay yours.

— BIM IN PLAIN WORDS

BIM is a virtual construction site.

Before a building goes up, the design team builds it once on a computer. Everyone puts their part into the same model, so problems appear on screen first, where they cost minutes to fix instead of weeks.

THE OLD WAY

Drawings on paper

Each trade draws its own part. Nobody sees the whole building until the site is under way.

THE BIM WAY

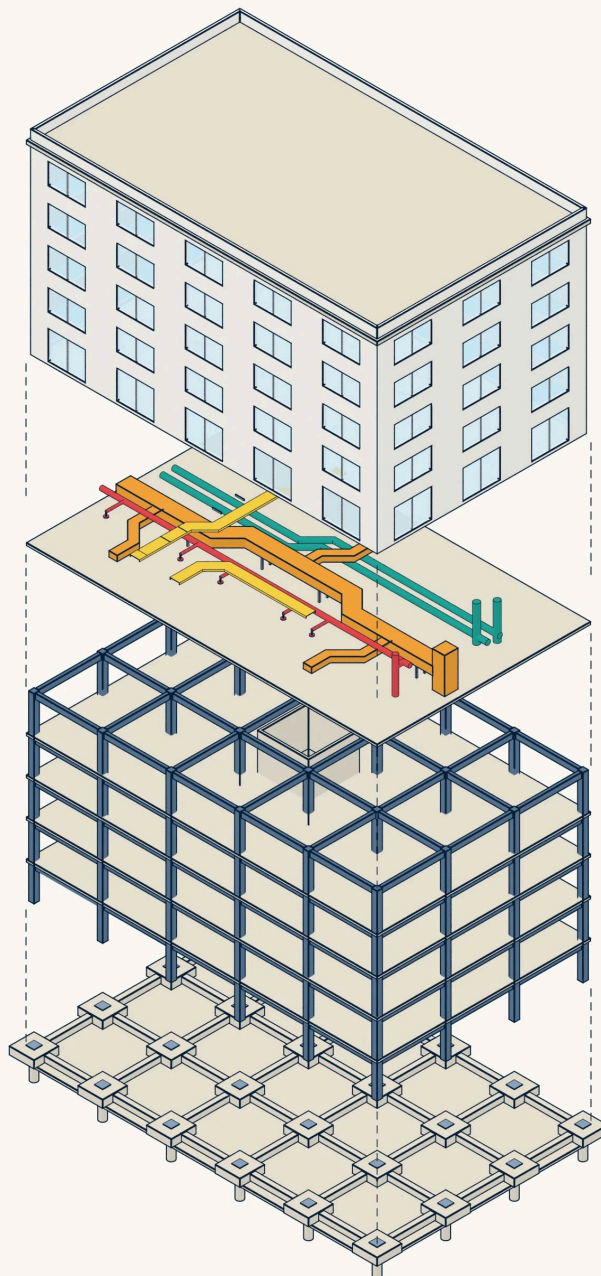
One smart 3D model

Every wall, duct and beam is an object with a size, a place and a material. Change one thing and everything connected updates.

WHAT YOU GAIN

Fewer surprises

Clashes found early, quantities counted by the model, drawings that always agree, less rework.



ONE BUILDING, FOUR LAYERS: SKIN, SERVICES, STRUCTURE, FOUNDATIONS

— WHAT WE DO

Ten services, **one model.**



Architectural BIM

Your design as a smart 3D model, with the drawings generated from it.



3D visualization

Your design shown as lifelike 3D images of the finished building, inside and out, before it is built.



Structural BIM

The frame of the building, modeled and checked before steel is cut or concrete is poured.



MEP BIM

Air, water and power routed in 3D, so installers get a plan that already fits.



Clash detection

We find where the pipe hits the beam, on a computer, before it is built.



BIM coordination

Every trade's model brought together and kept in step until the drawings agree.



Scan to BIM

A laser scan of an existing building turned into an accurate, usable 3D model.



BIM modeling

CAD or PDF drawings converted into BIM, with quantities, schedules and as-built records.



Revit family creation

Reusable digital parts for your products, so designers can drop them into their models.



Steel detailing

Drawings a fabricator can cut, weld and bolt from, drawn from the 3D model.

HOW A PROJECT RUNS

From your drawings to a model **you can build from.**

01

Send us your drawings

Share what you have: DWG, PDF, a Revit model or a point cloud, with the services and level of detail you need.

02

We scope and quote

We read the drawings and write down the scope, the LOD and any assumptions, then give a fixed price or a rate.

03

We model and check

Our team builds the model, then checks it: model health, coordination and clash tests where in scope.

04

You receive the model

Revit, IFC, DWG, PDF and NWD files with a note of what we assumed and flagged. Revisions follow the agreed scope.

LEVEL OF DEVELOPMENT

LOD describes how developed, and how reliable, each element in a model is. We agree it by element category before work starts, following the BIMForum LOD Specification.

LEVEL	IN PLAIN WORDS	A WALL, FOR EXAMPLE	TYPICAL USE
LOD 100	A concept	A block or symbol showing a wall will be here	Early studies, massing
LOD 200	Approximate	A wall with rough thickness and location	Schematic design
LOD 300	Accurate and measurable	A layered wall with exact size, shape and position	Design development, construction documents
LOD 350	Coordinated	LOD 300 plus how it connects to floors, supports and other trades	Coordination between trades
LOD 400	Ready to fabricate	Detail needed to make and install it	Shop drawings, prefabrication
LOD 500	Verified as built	Checked against what was actually built	Handover, facility management

Software and files

Autodesk Revit, Autodesk Navisworks, AutoCAD. Point clouds in RCP, RCS, PTS, E57. We deliver RVT, RTE, IFC, DWG, PDF, NWD.

Quality and confidentiality

Every delivery carries a model-health note and a list of assumptions. We sign your NDA before files are shared.

— WHERE WE WORK

Built in India. Delivered to your standard.

Every region has its own standards, units and working hours. Requirements differ by project and owner; your project documents always govern.

United Kingdom

ISO 19650 workflows, metric models, and a working day that overlaps ours.

ISO 19650 EMPLOYER'S REQUIREMENTS AND BEP

LEVEL OF INFORMATION NEED

Units: Metric (millimeters), with UK drawing conventions and sheet sizes.

United States

Imperial units, AIA LOD definitions, and an overnight production cycle.

LOD SPECIFICATION NATIONAL BIM STANDARD

OWNER AND AGENCY GUIDES

Units: Imperial (feet and inches), with US sheet sizes and conventions, or metric if the project asks.

Canada

Owner-led requirements, metric and imperial, and Revit coordination for large and small projects.

OWNER-SPECIFIED BIM BUILDINGSMART CANADA

LEVEL OF DEVELOPMENT

Units: Metric is standard in practice, with imperial still common in parts of the industry.

Australia

ISO 19650 alignment, NATSPEC guidance and a handover that suits an Australian morning.

NATSPEC NATIONAL BIM GUIDE ISO 19650 CODES

Units: Metric (millimeters) with Australian conventions.

UAE and the Gulf

Authority-led BIM requirements, metric models and a working day almost identical to ours.

DUBAI MUNICIPALITY AUTHORITY SUBMISSIONS

ISO 19650

Units: Metric.

Europe

EN 17412 information needs, IFC-based openBIM, and metric models.

EN ISO 19650 EN 17412-1 IFC AND OPENBIM

Units: Metric.

Working-hours overlap assumes a 09:30 to 18:30 IST day. Time-zone notes for each market are at www.sactik.com/markets/.

3D MODELS

Real models, drawn on screen first.

Illustrative models made by our team to show the kind of work we produce. They are not client projects.



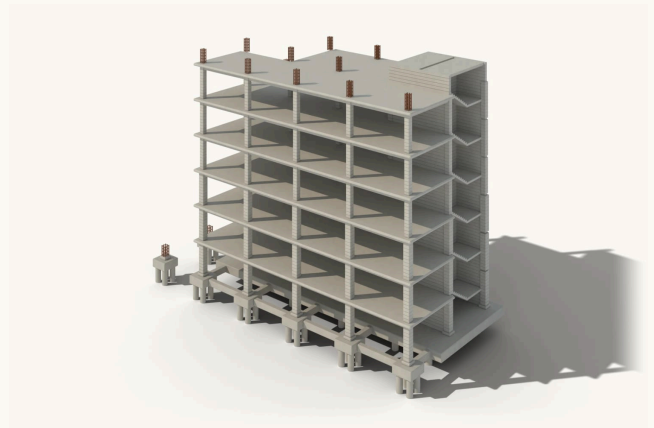
RESIDENTIAL ARCHITECTURE



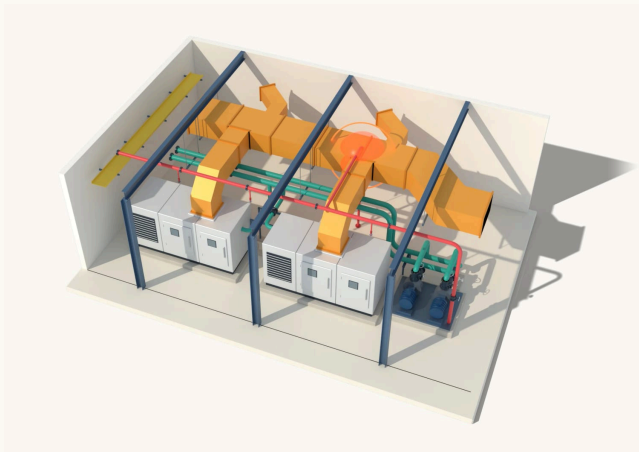
COMMERCIAL ARCHITECTURE



BIM X-RAY: STRUCTURE AND SERVICES



STRUCTURAL MODEL



MEP MODEL WITH A CLASH FLAGGED



3D FLOOR PLAN

— START A PROJECT

Send us your drawings.

Tell us what you have and what you need. We reply with a scoped quote, and we will sign your NDA first if you ask.

What to send

- Drawings: DWG or PDF, or a Revit model
- The services and level of detail you need
- The standard or BIM Execution Plan the project follows
- Your deadline and a named contact

What happens next

- We read your request and drawings
- We reply with questions or a scoped quote
- We confirm scope and terms in writing
- We sign your NDA first if you need one



Sactik Services Pvt. Ltd.

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REQUEST A QUOTE



FIND OUR OFFICE