

HARICHANDIRAN R

BIM ENGINEER

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PROFESSIONAL ABRIDGMENT

Accomplished BIM Architect and Structural Designer with over [2] year of experience in delivering complex architectural and structural solutions across diverse sectors, including commercial, residential and infrastructure projects. Highly skilled in Building Information Modeling (BIM) using Revit, Navisworks and AutoCAD, with a strong foundation in structural engineering principles and architectural design standards.

Proven ability to lead multidisciplinary teams through all project phases-from conceptual design to construction documentation and coordination-ensuring high levels of accuracy, compliance, and efficiency. Adept at clash detection, 4D/5D simulations and model-based quantity take-offs, driving cost-effective and time-saving project execution.

EMPLOYMENT CHRONICLE

➤ "HSS INTEGRATED PVT LTD - CHENNAI" (JULY 2025 - Present)

Senior BIM Modeler [Architecture & Structure]

Projects

- Kemba Gowda Bangalore International Airport (BIAL) Terminal 2 Extension at Bangalore, India
- Jaipur International Airport (JIAL) Terminal 2 Extension at Jaipur, India
- AAA-CSD Ahmedabad Aviation & Aeronautics at Ahmedabad
- Sattva lumina at Bangalore

Junior BIM Modeler [Architecture & Structure] (JULY 2024)

Projects

- Embassy Manyata Business Park at Bangalore
- Sattva Song Bird (SSB) at Bangalore
- Sattva Lakeridge at Hyderabad
- Sattva Aero polis at Bangalore

Responsibilities:

- Created LOD 350 & 400 Model & Preparation of Shop drawing for RCP, Flooring plan, Fixture plan & Elevations, updates Column Cladding, Wall Cladding & intricate ceiling types. Preparation of Schematic drawings & Typical Connection details.
- Oversaw BIM model development from LOD 100 to LOD 500, ensuring accuracy through all design and construction phases.
- Collaborated in the review of models and Clash detection using Navisworks.
- Provide technical guidance and support to team members on BIM software and tools.
- Coordinate multidisciplinary teams to ensure model consistency and clash-free integration.
- Implement BIM execution plans (BEPs) and ensure compliance across teams.
- Oversee model development, quality assurance, and adherence to project schedules.
- Monitor and report on project progress, providing insights to senior management and clients.
- Collaborated in the review of models and Clash detection using Navisworks.
- Coordinate with contractors and consultants for model validation and updates.

INTERNSHIP

➤ “HSS INTEGRATED PVT LTD - CHENNAI”

(JUNE 2024- JULY 2024)

➤ “MAX PROPERTY PVT LTD - MADURAI”

(JULY - 2023)

TECHNICAL SKILLS

- **Software:** Revit, AutoCAD, Navisworks, Sketchup
- **Coordination:** Clash Detection, Model Federation, LOD Standards
- **Documentation:** Shop Drawings, Construction Documentation, BIM Execution Plans
- **BIM Implementation**
- **Architectural BIM / Structural BIM**
- **3D/4D/5D/6D BIM**
- **BIM Coordination**
- **Parametric family creation**
- **LOD 300-500 (Level of Development)**
- **IFC Standards (Industry Foundation Classes)**
- **Quantity Take-off**
- **Dynamo**
- **Federated Model**
- **MEP Coordination**

SOFT+TECHNICAL SKILL MIX

- **Cross-functional Collaboration**
- **Deadline-Oriented Execution**
- **Multi-discipline Integration**
- **Problem-Solving under Constraints**
- **Training & Mentoring Junior Team Members**
- **High-Rise Coordination Expertise**
- **Efficient Drawing Production**

EDUCATIONAL CREDENTIALS

- **Bachelor of Engineering (Civil Engineering) – Government College of Engineering, Bodinayakkanur.**
2020 – 2024 (CGPA-7.66).

DECLARATION

I hereby declare that all the information furnished above is true to the best of my knowledge.

HARICHANDIRAN R