

# Satya Adabala

BIM Coordinator

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## Professional Summary

The BIM Coordinator demonstrates 9 years of distinguished expertise in Building Information Modeling (BIM), with a particular specialization in the meticulous development and comprehensive management of Architectural and Structural BIM models for intricate global construction endeavors. Exhibits exemplary leadership across the entirety of the project lifecycle, encompassing stages from initial pre-tender BIM Execution Plans to conclusive model validation. The technical acumen is evidenced by advanced proficiency in Autodesk Revit, adept utilization of Navisworks for rigorous clash detection, and sophisticated application of BIM 360 for integrated project management. Furthermore, highly skilled in the sophisticated applications of 4D (time) and 5D (cost) BIM. The extensive international project portfolio comprises notable ventures such as airport expansions, commercial towers, and FIFA World Cup stadiums.

## Core Competencies & Technical Skills

### BIM Coordination & Management:

- Coordinate multi-disciplinary BIM models (Architectural, Structural, MEP, Civil) across project teams. Facilitate coordination meetings with architects, engineers, contractors, and consultants.
- BIM Execution Plan (BEP) Development and Creating comprehensive plans for BIM project implementation. Manage BIM workflows and ensure adherence to project BIM Execution Plans (BEP). Monitor project deliverables against BIM milestones and quality requirements.
- Conduct clash detection analysis using Navisworks Manage, Generate, distribute, and track clash reports across all disciplines. Prioritize and categorize clashes (critical, non-critical, duplicate, clearance) for efficient resolution. Coordinate clash resolution meetings and document agreed-upon solutions.
- As-Built Model Creation (LOD 500) using 3D laser scanning and field verification. Field-Verified BIM Modeling for facility management and asset tracking. Reality Capture Integration - Point cloud to LOD 500 model conversion. Led post-construction model updates from LOD 400 to LOD 500, incorporating field measurements, equipment specifications, and warranty data for seamless facility management handover.
- Successfully coordinated multi-disciplinary projects through all LOD phases (100-500), ensuring model accuracy and detail progression aligned with project milestones
- 4D and 5D BIM integration transforms construction project management by providing comprehensive visibility into time, cost, and resource aspects, enabling proactive decision-making and improved project outcomes.
- Ensuring the accuracy and integrity of BIM models (QA/QC) and processes.
- Team Leadership & Training: Led and mentored BIM teams, fostering a collaborative and high-performing environment. Responsible for comprehensive training programs, skill development, and ensuring adherence to best practices in BIM workflows.
- Effectively communicating with clients and stakeholders throughout the project lifecycle.

## Software Proficiency:

- **Autodesk Suite:** Revit, Navisworks Manage, AutoCAD, Civil 3D, Recap Pro, BIM 360 Cloud, Micro station, Project wise.
- **Design & Visualization:** Rhino, Dynamo, Synchro 4D.
- **Collaboration & Review:** Bluebeam
- **Productivity:** Microsoft Office Suite.

## Professional Experience

### **BIM Coordinator (Architecture) | C.C.M Airports | Doha, Qatar**

April 2021 – Present

- Lead BIM coordination efforts for large-scale airport infrastructure projects, ensuring seamless integration of architectural models.
- Develop and implement project-specific BIM standards, workflows, and checklists to maintain model quality and consistency across teams.
- Prepare and validate comprehensive BIM packages for milestone submissions, including drawings and models in various formats (CAD, PDF, NWC, IFC, DGN).
- Actively participate in project meetings, providing critical updates and expert recommendations on all BIM-related matters.
- Successfully delivered comprehensive LOD 500 as-built BIM models with integrating field-verified dimensions, 3D laser scan data, equipment specifications, warranty information, to support seamless facility handover and ongoing operations.

### **BIM Coordinator | DOMOPAN QATAR | Doha, Qatar**

August 2018 – December 2020

- Managed the development of BIM models for significant commercial and residential projects, including the Lusail Tower D and MINA DISTRICT.
- Performed regular clash detection using Navisworks to identify and resolve conflicts, significantly reducing on-site errors and rework.
- Led the team in incorporating 4D scheduling and 5D cost estimation, providing valuable insights for project planning and budgeting.
- Assisted in creating and managing asset registers and Cobie data for efficient facility management post-construction.

### **BIM Engineer | BFG International | Doha, Qatar**

January 2018 – June 2018

- Developed detailed architectural and structural models for complex projects, including the Al Thumama Stadium for the FIFA 2022 World Cup.
- Assisted in the creation of custom Revit families (including adaptive and pattern-based) as per client specifications.
- Managed Revit worksets, design options, and phasing to streamline the modeling process for a multi-user environment.

## **Revit Modeler | Al-Turki Enterprises | Oman**

December 2016 – November 2017

- Created accurate 3D Revit models from 2D drawings for various construction projects.
- Ensured models complied with company and client standards, focusing on precision and quality.
- Contributed to the quantification of materials through Revit schedules, aiding in procurement and estimation.

## **Project Experience**

- HIA Airport Expansion Project (Doha, Qatar)
- Frankfurt Airport (Frankfurt, Germany)
- Lusail Tower D (Doha, Qatar)
- Al-Thumama Stadium (FIFA 2022) (Doha, Qatar)
- MINA DISTRICT (Doha Port) (Doha, Qatar)
- The Qatar PPP Schools Development (Doha, Qatar)
- Tiffany and Co. Project (Doha, Qatar)

## **Education**

- **Bachelor of Technology in Civil Engineering**
  - Lingaya's Institute of Management and Technology (affiliated with JNTU Kakinada, India)
  - 2012 – 2015
  - 70%
- **Diploma in Civil Engineering**
  - VKR and VNB Polytechnic collage, Gudivada.
  - 2009 – 2012
  - 69%

## **Additional Information**

### **Key Personal Information & Availability:**

- **Current Visa Status:** Holds a valid Qatar Resident Permit, NOC available.
- **Notice Period:** One month notice is required for new employment.
- **Nationality:** Indian.

### **Language Proficiency:**

- **English:** Proficient, demonstrating professional communication capabilities.
- **Hindi:** Proficient, facilitating effective communication in Hindi-speaking environments.
- **Arabic:** Conversational, enabling basic interaction and comprehension.
- **Telugu:** Native proficiency.