

Kuppa Pramod Kumar

BIM ENGINEER

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PROJECT EXPERIENCE

Project: Hunters Point Shipyard Blocks 52&54, Role: BIM Engineer (Plumbing)

Brief note about the project.

Description:

- Re-modeling: Updated and refined 3D models of gravity pipework in Revit to enhance accuracy and integration with other building systems.
- Clash Detection: Conducted clash detection and resolved conflicts with various disciplines, ensuring seamless coordination and reducing potential issues.

Achievements:

- Improved model accuracy and project integration through effective re-modeling and clash resolution.
- Facilitated smoother project execution by addressing and resolving cross-discipline conflicts.

Project: Hunters Point Shipyard Blocks 52&54, Role: BIM Modeller
Brief note about the project.

Description:

- Modeling: Developed detailed 3D models for both architectural and structural elements using Revit, ensuring comprehensive integration of design components.
- Drawings: Created accurate shop drawings for both architectural and structural models, providing clear specifications and dimensions for construction.

Achievements:

- Delivered well-coordinated architectural and structural models, contributing to seamless project execution.
- Produced precise shop drawings that facilitated effective construction and installation processes.

SKILLS

SOFTWARE/TECHNOLOGY	PROFICIENCY LEVEL
Building Information Modeling (BIM)	Intermediate
3D Modeling and Visualization	Advanced
Clash Detection and Resolution	Expert
Project Coordination and Management	Intermediate
Technical Documentation and Reporting	Intermediate

ABOUT ME

Enthusiastic and detail-oriented BIM Engineer with six months of hands-on experience in Building Information Modeling (BIM) through an internship. Proven expertise in utilizing BIM software to enhance project efficiency, accuracy, and collaboration. Skilled in 3D modeling, clash detection, and technical documentation, with a strong foundation in civil engineering. A quick learner and team player, eager to apply my skills to real-world projects while continuously growing in the field of BIM.

EDUCATION

B. Tech Civil Engineering

Sreyas Institute of Engineering and Technology, Hyderabad
2017-2021

BIM Ready Complete: Post-Graduate Certificate in BIM
Michigan State University

CERTIFICATION

BIM Ready Complete

Technostruct LLC | Michigan State University

Plannerly Masterclass on BIM for Project Management

Technostruct LLC

Team Collaboration and Communication	Expert
Data Management and Analysis	Intermediate
Revit	Advanced
AutoCAD	Expert
Enscape	Intermediate
Bluebeam	Intermediate
BIM 360	Intermediate

UNIQUE TECHNICAL EXPERIENCES

- **Advanced Clash Detection & Resolution** – Successfully identified and resolved critical MEP and structural clashes using Navisworks and Revit, minimizing rework and enhancing project efficiency.
- **4D BIM for Construction Sequencing** – Integrated BIM with project scheduling software (Navisworks) to create 4D simulations for improved construction planning.

WORK EXPERIENCE

INTERN – Geological Survey of India (GSI)

- Gained foundational knowledge in geological mapping, surveying

SOFTWARE ANALYST (SAP ABAP Analyst) – Capgemini October, 2021 – September, 2022

- Developed and optimized **SAP ABAP programs**, including reports, enhancements, and interface developments.
- Worked on **data migration, debugging, and performance tuning** to ensure efficient system functionality

BIM ENGINEER

TECHNOSTRUCT LLC, CALIFORNIA

September 2024 – Present

- Lead BIM implementation for Plumbing Project.
- Develop and manage 3D models using Revit, ensuring accuracy and compliance with project specifications.
- Perform clash detection and resolve issues to minimize construction delays and rework.
- Collaborate with architects, engineers, and contractors to integrate BIM into the design and construction processes.
- Create RFIs and present technical reports and project updates to stakeholders.
- Prepare shop drawing & BOMs.

SKILLS

- MEP Modeling in Revit
- Clash Detection & Coordination using Navisworks
- 4D BIM Construction Sequencing
- Architectural and Structural Modeling
- Shop Drawings Creation & Detailing
- Bill of Materials (BOM) Preparation
- Integrating BIM Track with Revit and Navisworks
- Clash Coordination and Resolution
- Creating and Assigning Issues
- Scan to BIM
- BIM Track