



CONTACT

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Ranchi, Jharkhand, India

TECHNICAL SKILLS

- Site Supervision
- Quantity Estimation & Costing
- BOQ Preparation
- Quantity Surveying
- QA/QC Inspection
- Billing as per CPWD Norms
- BBS Calculation
- Material Management
- Concrete & R.C.C. Works
- Surveying & Auto Level
- Construction Drawings Interpretation
- Safety Compliance
- Labour Management
- Documentation & Reporting

SOFTWARE SKILLS

AutoCAD ★★★★★
Autodesk Revit Architecture ★★★★★
Autodesk Revit Structure ★★★★★
Autodesk Navisworks Manage ★★★★★
Microsoft Excel ★★★★★

LANGUAGES

- English – Full Professional Proficiency
- Hindi – Full Professional Proficiency

INTERESTS

Infrastructure Development
Sustainable Design
Urban Planning
Structural Engineering

REHAN AHMAD

Civil Engineer | BIM Modeler | Estimation & QA/QC Engineer

Civil Engineer with a B.Tech degree and hands-on experience in site supervision, estimation, quantity surveying, QA/QC and billing as per CPWD norms. Proficient in BIM modeling using Revit (Architecture & Structure), Navisworks, and AutoCAD. Strong analytical and technical skills with a passion for delivering accurate, coordinated and efficient construction solutions.

EDUCATION

Bachelor of Technology in Civil Engineering Jul 2008 – Jul 2014
Bharati Vidyapeeth College of Engineering, Pune

PROFESSIONAL EXPERIENCE

Site Engineer Jan 2015 – Jun 2015
Patel Buildcon, Pune

- Supervised construction activities and ensured work as per drawings and specifications.
- Conducted material testing and ensured quality compliance on site.
- Managed labour force, equipment and daily site operations.
- Prepared quantity estimates and maintained records of materials.
- Coordinated with engineers, contractors and clients for smooth project execution.

BIM Training & Project Experience Jan 2025 – Present
BIM MANTRA, Online

- Studied and understood building layouts, surveying and site measurement techniques.
- Proficient in using Auto Level and basic surveying instruments.
- Prepared estimation, costing and quantity survey of various items.
- Prepared BBS calculations and basic drawings using AutoCAD.
- Prepared bills as per CPWD norms and maintained project documentation.
- Working on BIM modeling, coordination and quantity take-off using Revit and Navisworks.

BIM & PROJECT EXPERIENCE

- **Architectural BIM Modeling (Revit Architecture):** Created detailed 3D models, floor plans, elevations, sections and schedules for residential and commercial buildings.
- **Structural BIM Modeling (Revit Structure):** Modeled structural elements including columns, beams, slabs, foundations and reinforcement with accurate documentation.
- **Clash Detection & Coordination (Navisworks):** Performed clash detection, coordination reviews and generated clash reports for better constructability.
- **Quantity Take-Off (QTO):** Extracted accurate quantities from BIM models for estimation and BOQ preparation.
- **Visualization:** Created realistic renderings and walkthroughs using Enscape and Lumion

SOFTWARE PROFICIENCY



AutoCAD



Revit
Architecture



Revit
Structure



Navisworks
Manage



Microsoft
Excel



Enscape



Lumion

CERTIFICATIONS

- BIM Professional Training – Revit Architecture, Revit Structure, Navisworks (BIM Mantra)
- AutoCAD Professional Training (BIM Mantra)
- Experience Certificate – Patel Buildcon, Pune (Jan 2015 – Jun 2015)

PERSONAL DETAILS

Nationality : Indian
Availability : Immediately
Marital Status : Married