

K AMEEN UR RAHMAN

BIM MODELER

CONTACT

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Near Sahifa Masjid,
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SKILLS & CERTIFICATIONS

- Autodesk Certified: AutoCAD 2D & 3D
- ISO Certified Professional: Revit MEP (HVAC, Plumbing, Electrical, Firefighting).
- ISO Certified: BIM 360 (Collaboration, Project Management).
- ISO Certified: Navisworks Training Certification (Clash Detection, Coordination).
- Proficient in: 3D Studio Max (V-RAY).
- Proficient in: Blender
- Experience with: Shop Drawings & As-Builts.
- Expertise in: MEP Systems Design & Modelling.
- Skilled in: Microsoft Excel, Microsoft Office, Microsoft Word
- Knowledge of 3ds Max and Blender:** 3D Modeling & Animation: Proficient in 3ds Max and Blender for complete 3D design workflows.
- Skilled in modeling, texturing, lighting, rigging, animation and advanced rendering in 3ds Max, with workflow customization experience.
- And in Blender, adept at sculpting, UV mapping, real-time rendering, and video editing, enabling end-to-end delivery of 3D projects.



CAREER OBJECTIVE

I am a detail-oriented and technically proficient BIM professional, specializing in AutoCAD, Revit MEP, 3Ds Max V-Ray, Blender, Navisworks, and BIM 360. My aim is to utilize my robust design, coordination, and modeling abilities to enhance the quality of MEP design and construction projects. I am committed to creating precise drawings, fostering effective collaboration, and delivering innovative BIM solutions.



QUALIFICATION

Bachelor of Technology in Civil Engineering



PROJECTS

Projects in AndroBIM Private Limited

BIM MODELER

Led a team of seven in Building Information Modeling (BIM) management.

- Led Revit MEP modeling for HVAC, plumbing, and electrical systems on the 11.53 lakh sq. ft. Telangana Institute of Medical Science project. Delivered LOD 300-500 models, coordinated with structural and architectural teams –reducing RFIs by 77%. Managed Navisworks clash detection with weekly reports and implemented BIM 360 Docs workflows across multiple projects. Developed Revit families and templates, cutting modeling time by 93%, and produced construction drawings and schedules for installation and procurement.

As a Team Leader in Tilal Al- Riyadh Project {KSA}

BIM MODELER

- Led multi-disciplinary MEP modeling in Revit for large-scale healthcare projects, delivering LOD 300-500 models and coordinating with design teams to reduce RFIs by 77%. Managed Navisworks clash detection, resolving major clashes pre-construction, and implemented BIM 360 workflows for efficient document control. Developed BIM Execution Plans, customized standards, and created Revit families/templates—cutting modeling time by 93%. Trained junior team members, improving productivity and consistency across projects.

Graffiti Engineering Solutions Pvt. Ltd

- Skilled in AutoCAD with strong experience in both 2D drafting and 3D modeling.
- AutoCAD 2D:** Proficient in creating detailed drawings with effective layer management, dimensioning, annotations, and block creation. Experienced in preparing accurate and presentation-ready construction documents.
- AutoCAD 3D:** Experienced in solid, surface, and mesh modeling using commands like Extrude, Loft, Revolve, and Sweep. Skilled in UCS control, material application, and rendering. Capable of converting 3D models to 2D drawings and integrating files with other CAD/BIM tools.

LANGUAGES

- English (Fluent)
- Hindi
- Urdu
- Telugu

PERSONAL DETAILS

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EMBRACING EXCITING CHALLENGE PROJECTS:

BLOSSOM TOWER (16,765m²)—As Intern Lead

- Delivered coordinated MEP Revit models (LOD 300) for HVAC, electrical, and plumbing. Conducted Navisworks clash detection cycles, resolving 95% of design clashes before construction.
- Reduced RFIs on-site by 40% through early coordination.

BUJJIGA Commercial Tower (29 floors) – BIM Coordinator

- Managed federated models (MEP, Architecture, Structure) in Navisworks Manage.
- Set up BIM 360 Docs workflows for document sharing and issue tracking across 3 stakeholder firms.
- Produced shop drawings and schedules, improving approval turnaround by 30%.

LEO's DEN 9 VILLAS (317 units) – as BIM Modeller

- Modelled complete MEP systems in Revit and generated coordinated shop drawings. Created custom Revit families for HVAC equipment, improving modelling accuracy. Supported site installation teams with updated BIM models and as-built documentation.

KEYSKILLS

Design & Drafting: Proficient in AutoCAD (2D/3D) and Revit MEP for detailed modeling and documentation. BIM Tools: Skilled in Autodesk Navisworks (clash detection, coordination) and BIM 360 workflows. Project Coordination: Experienced in multidisciplinary model integration, clash resolution, and conducting coordination meetings. Documentation: Capable of producing shop drawings, as-built drawings, BOQs, and technical reports, with added expertise in interior and exterior design. MEP Systems Knowledge: Solid understanding of HVAC, plumbing, drainage, fire protection, and electrical systems. Other Skills: Strong problem-solving, teamwork, attention to detail, project scheduling support, and adherence to BIM standards and workflows.

DECLARATION:

I hereby declare that the information provided above is true and correct to the best of my knowledge and belief.

K. AMEEN UR RAHMAN