

# SHAIK RAWOOF

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## Professional Summary

Professional with extensive experience in BIM project coordination and management. Adept at translating architectural and engineering designs into comprehensive BIM models, ensuring accuracy and consistency. Known for fostering team collaboration and meeting dynamic project requirements through adaptable problem-solving skills and technical expertise.

## Skills

- 3D modeling expertise
- Revit (ARCH & Structural)
- Navis Works
- CIVIL 3D
- Continuous learning mindset
- AutoCAD
- Primavera P6
- GIS (Arc Map, QGIS, Google Earth)

## Work History

**BIM ENGINEER**, 04/2024 - Current

**Modern Building Leaders - MBL**, Riyadh

- Collaborated with IT teams to troubleshoot software issues and enhance overall BIM capabilities within the organization.
- Championed adoption of sustainable design practices within the organization by incorporating energy-efficient strategies into BIM models where applicable.
- Contributed to successful bids for new projects by showcasing firm's expertise in creating accurate 3D models using leading-edge technologies like Revit and Navisworks.
- Optimized workflows by integrating new technologies and methods into existing processes.
- Implement department policies and procedures.
- Implement management initiatives and projects.
- Make 3D BIM models for projects using modelling software.
- Develop a virtual model using data and information from engineering designs.
- Develop and improve BIM models to make sure that all the parts of a project work together.

- Update and adjust models to reflect new developments in architecture or design.
- Fill out the form with the data and information required to document the project's components.
- Work together with the engineering and design teams to format information and data in the model.
- Use model analysis to identify issues and find solutions.
- Update models on a regular basis in accordance with needs
- Assist building teams by offering information from virtual models and modifications.
- Conduct analyses and tests on models to ensure their quality.
- Provide technical assistance to engineering and technical teams so they can use models.
- Examine data and models to make sure they adhere to specifications and standards.
- Keep up with advances in BIM technology and use them in work.
- Make periodic reports on management operations.
- Assist the line manager as needed and carry out any additional responsibilities that fall under his authority.

**BIM MODELER, 10/2022 - 02/2024**

**Virtual Design Engineering Consultant, Riyadh**

- Delivered accurate quantity take-offs and material estimates using BIM software, resulting in optimized resource allocation.
- Reduced errors in construction documents by meticulously reviewing and coordinating BIM models with architectural, structural, and MEP disciplines.
- Optimized facility management processes by integrating as-built BIM models with asset management systems for streamlined maintenance planning.
- Increased cost savings for clients by conducting clash detection analysis and resolving conflicts before construction commenced.
- Generated 3D models and construction documentation using Revit, AutoCAD, and other BIM software tools, maintaining a high level of accuracy and consistency.
- Collaborated with architects, engineers, and contractors to develop comprehensive BIM models that accurately represent project design intent.
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- Developed and maintained BIM execution plans, ensuring compliance with industry standards and client requirements.

- Utilized BIM data for model-based quantity takeoff, leading to accurate cost estimates and improved procurement processes. Participated in client presentations to effectively communicate BIM- driven project enhancements and solutions.
- Review BIM models received from contractors based on Project BIM EIR and BEP. Perform detailed models review to meet LOD 300, 400 and 500 requirements.
- Perform clash detection process and classify clashes. Attend internal coordination meetings.
- Manage and maintain project content and source any additional content as required. Understand and ensure any changes in procedure and standards are effectively communicated to project teams.
- Placing the families made by engineers wherever required in the project. Preparing the schedule of the doors and windows ETC

**SITE ENGINEER, 10/2021 - 09/2022**

**M.N Associates, India**

- Organizing materials and ensuring sites are safe and clean.
- Preparing cost estimates and ensuring appropriate materials and tools are available.
- Providing technical advice and suggestions for improvement on particular projects. Diagnosing and troubleshooting equipment as required.
- Authorizing technical drawings and engineering plans.
- Drawing up work schedules and communicating any adjustments to crew members and clients. Gathering data, compiling reports and delivering presentations to relevant stakeholders.
- Delegating tasks and scheduling meetings and training sessions where required. Completing quality assurance and providing feedback to the team.
- Co-ordination with an Electrical, Mechanical, plumbing Engineering Team to prepare value. Engineering report/ Analysis.
- Attending Project Assignment Meeting and Inter Coordination Meeting, raising queries / clarifications whenever required.

**GIS ENGINEER, 05/2020 - 08/2021**

**GEOVISTA TECHNO PVT LTD, India**

- Optimized geospatial datasets by conducting extensive research and integrating relevant sources, resulting in higher-quality products.
- Stayed current with industry advancements by attending conferences and workshops, using newfound knowledge to enhance company GIS capabilities.

- Effectively educated colleagues and partners on project requirements to include knowledge of federal, local and state codes.
- Analyzed project-related reports, including maps, blueprints, surveys and aerial photography from over 2 projects.
- Spatial data correction and production are done on mainly ARC GIS or QGIS software.
- Grid-wise Attribute data is Proforma in Excel format for All line features (Road, Rail, Bridges, Flyovers, Waterbodies line).
- The scope of the work would be the Vetting of Draft Base Maps and Attribute data collection for AMRUT Cities – Greater Hyderabad Municipal Corporation (GHMC)- Area 625 Sq. KMs, Greater Warangal, Municipal Corporation
- (GWMC ) Area- 408 Sq Kms and Nizamabad, Municipal Corporation (NMC)- Area- 147 Sq.Kms for field data collection as per the Design & Standards document of Sub Scheme on Formulation of GIS based Master Plan for AMRUT Cities.
- Developed and maintained detailed project documentation, including progress reports, change, and quality records.

**SITE ENGINEER**, 12/2019 - 04/2020

**City Homes PVT LTD** , India

- Recorded daily events and activities in site diary to evaluate process and improve productivity.
- Created work schedules and adjusted as needed to meet project deadlines and keep shifts properly staffed.
- Reduced material waste through accurate estimation, procurement, and usage tracking of required resources.
- Coordinated with subcontractors ensuring their work met project specifications as well as monitored their progress towards completion deadlines.
- Conducted site surveys, gathered data, and contributed to the development of project specifications.
- Assisted in the preparation of project proposals and progress reports.
- Ensure the workflow according to the work schedule.
- Collaborated with cross-functional teams to ensure project milestones were met and issues were resolved promptly.
- I expedited operations and provided guidance to foremen and personnel, enabling them to complete the initial phase of the project ahead of the set deadlines.
- Utilized AutoCAD for detailed 2D drafting, creating architectural and structural drawings.

- Coordinated with the structural team to address any design modifications or challenges during construction.
- Collaborated with the project team to develop effective solutions to unforeseen issues.
- I interacted with clients to provide project updates, address concerns, and incorporate feedback into the construction process.

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## Education

**Master Of Science:** Global BIM Managment  
**Universitat De Barcelona** - Spain

**Bachelor Of Technology** : Civil Engineering  
**Jawaharlal Nehru Technological University, Hyderabad** - India, 03/2022

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## Personal Details

**Date of Birth:** 14-09-1999

**Nationality:** India

**Marital Status:** Single

**Visa Status:** Transferable Iqama

**Gender:** Male

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## Languages

English:

  
Advanced (C1)

Arabic:

  
Elementary (A2)

Hindi:

  
Advanced (C1)

Urdu:

  
Advanced (C1)