

NAYANA RAVINDRAN

BIM MODELLER AND ARCHITECT

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SUMMARY

Detail-oriented architect with 5 years of experience, including 2 years in a GCC firm, specializing in Revit and BIM technologies. Proficient in Qatar building codes and skilled in delivering innovative design solutions for residential, commercial, and mosque projects, as well as detailed architectural work. Experienced in managing projects from LOD 100 to LOD 400, ensuring high levels of detail and accuracy. Seeking to leverage expertise in BIM modeling, technical documentation, and collaborative project management to contribute to dynamic teams and enhance project outcomes.

EXPERIENCE

BIM MODELLER AND CONSULTANT

HIGHQ

February 2023 – September 2024, ABUDHABI, UAE

- Collaborated with architectural consultancies to optimize BIM workflows, enhancing project efficiency and coordination.
- Developed and managed Revit families and templates to standardize project workflows and enhance modeling efficiency.
- Performed clash detection using Navisworks to identify and resolve design conflicts prior to construction, ensuring smooth project execution.
- Engaged in diverse projects, including mosques, Commercial high rise buildings, GRC panel fittings, and villas, maintaining design integrity and adherence to specifications.
- Worked on BIM projects FROM LOD 100 through LOD 400, ensuring high levels of detail and accuracy for effective construction documentation and coordination.
- Conducted quantity takeoffs and scheduling to support project planning and resource allocation.
- Directed building construction design projects involving multi-story commercial structures, ensuring compliance with building codes and project timelines.
- Facilitated collaboration and work-sharing among various disciplines, ensuring effective communication and integration throughout the project lifecycle.

PROJECT ARCHITECT

SSQUARED ARCHITECTS

July 2021 – August 2022, KERALA, INDIA

- Utilized Revit for design modeling and renderings, enhancing project visualization.
- Managed projects from concept to delivery, ensuring alignment with client requirements and timelines.
- Employed massing techniques in Revit to model complex structures and models.
- Developed landscaping models for various terrains, integrating site-specific elements.
- Created parametric families for diverse applications, improving modeling efficiency.
- Designed templates and sheets to standardize project documentation.
- Facilitated communication among clients, consultants, and contractors to resolve technical issues.
- Coordinated with stakeholders during the construction bidding process for clarity and competitiveness.
- Collaborated with structural and MEP engineers on sustainable commercial building projects to optimize energy efficiency.
- Created fabrication drawings and schedules for doors and windows, along with detailed furniture and working drawings.
- Prepared quantity and shop drawings for vendors to ensure accurate fabrication and installation.
- Created structural models in Revit, ensuring integration with architectural designs.

ARCHITECT

MAZ CONSULTANTS

May 2017 – January 2019, DUBAI, UAE

- Utilized Revit and SketchUp to create complex models for various projects, enhancing design visualization and accuracy.
- Worked in LOD 100 through LOD 350.
- Modeled complex design elements and furniture families in Revit and SketchUp to ensure design integrity and functionality.
- Worked on a range of projects, including villas, labor accommodation, warehouse design, and the modeling phase of a hospital.
- Participated in team meetings to resolve technical challenges and review project schedules, fostering effective collaboration.
- Verified construction documentation to ensure alignment with client requirements and project vision.
- Executed complex architectural assignments, applying innovative design concepts and advanced technical expertise.
- Filed construction permits to secure approvals from local municipalities.
- Directed a team of engineers, tracking deadlines and progress using zoho project management software.

JUNIOR ARCHITECT

ADIZ DESIGN STUDIO

January 2017 – May 2017, KERALA, INDIA

- Applied AutoCAD and Revit to create designs, model renderings, and detailed specifications.
- Engaged with clients to enhance communication and ensure active participation from all project stakeholders.
- Undertook complex architectural and design tasks, utilizing innovative concepts and advanced knowledge.

JUNIOR ARCHITECT

SAMASHTTI DESIGN STUDIO

May 2015 - December 2016, KERALA, INDIA

- Used AutoCAD and Revit to develop designs, model renderings, and detailed specifications.
- Collaborated with clients to promote effective communication and engagement among all project stakeholders.
- Conducted complex architectural and design tasks, applying innovative concepts and advanced expertise.
- Submitted construction permits to secure approvals from local municipalities.

EDUCATION

Bachelor of architecture

TKMCE · KERALA · 2015

CERTIFICATIONS

BIM Application for Engineers

National Taiwan University · 2024

PROFESSIONAL CERTIFICATE IN REVIT STRUCTURE

PTS CAD Expert Software solution · 2023

PROFESSIONAL CERTIFICATE IN REVIT STRUCTURE

PTS CAD Expert Software solution · 2023

SKILLS

Technical Skills

Software Proficiency:

- Revit Architecture
- AutoCAD
- SketchUp
- MS Office Suite
- Adobe Photoshop
- Adobe InDesign
- Adobe Illustrator
- V-Ray
- Sketchbook
- Lumion
- 3ds Max
- Navisworks
- Rhino

Project Management:

- Zoho Projects

Languages:

- English
- Hindi
- Malayalam

