

Vasu Manoharan

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Career Profile:

Accomplished **BIM Architect** with 3 years and 6 months of experience in the construction and engineering industry. Expertise in utilizing **Building Information Modeling (BIM)** technology to create accurate and comprehensive design plans. Strong background in collaborating with **cross-functional teams** to deliver successful construction projects. **Proficient in BIM software tools, including AutoCAD, Autodesk Revit, Revit MEP and Navisworks.**

Professional Summary:

- Lead architectural design efforts for a variety of **commercial and residential projects**, ensuring adherence to client requirements, budgets, and timelines.
- Utilize **Revit Architecture** to create detailed **3D models**, enabling comprehensive **visualization** and coordination of architectural elements.
- Collaborate closely with **clients, engineers, and contractors** to ensure seamless project execution and successful completion.
- Produce precise construction **documents and technical drawings** using **AutoCAD**, meeting industry standards and regulatory requirements.
- Provide mentorship and training to junior team members on **Revit and AutoCAD** best practices.
- I have honed my skills in utilizing **AutoCAD** to create precise and detailed **technical drawings, schematics**, and plans across various industries.
- I am dedicated to producing high-quality **CAD drawings** that adhere to industry standards and best practices, facilitating effective communication among project stakeholders and ensuring the realization of design concepts.
- I bring a wealth of knowledge and experience in leveraging this powerful **Building Information Modeling (BIM)** software for **architectural design** and project management.

Experience Summary:

Total Experience: 3 Years and 6 Months

- Working as Revit Modeler on International Projects ranging **Commercial** and **Residential** using **Revit Architecture**.
- Create **Parametric Revit Family** as per project requirement and detailing.
- Working as BIM Coordinator using Navisworks for clash coordination between **Architecture and MEP Model**.

Software Platforms:

- **Revit Architecture,**
- **AutoCAD,**
- **Navisworks**
- **MS Excel, Word ,Power Point.**

Work Experience:

Rahmath Construction - India.

Service Duration : **September-2020 to February-2024.**

Designation : **BIM Architect.**

Project Experience:

- **BIM Model Development:** Create and manage **BIM models** using **Revit Architecture** and **AutoCAD**, ensuring accuracy and completeness throughout the design process.
- **Project Coordination:** Lead coordination efforts among multidisciplinary teams by integrating models from various disciplines (**architecture, structure, MEP**) into a single federated model.
- **Construction Documentation:** Generate construction documentation, including **plans, sections, elevations, and details**, directly from the BIM model in Revit Architecture and AutoCAD.
- **3D Visualization:** Produce high-quality **3D visualizations** and **renderings** using Revit Architecture and AutoCAD to communicate **design concepts** to clients and stakeholders.
- **Quantity Takeoffs:** Extract accurate **quantity takeoffs** and **material schedules** directly from the **BIM model** in **Revit Architecture and AutoCAD** for **cost estimation** and procurement purposes.
- **Collaborative Workflows:** Facilitate collaborative workflows by integrating **Revit Architecture and AutoCAD** with other BIM software tools and platforms used by project stakeholders.
- **BIM Management:** Serve as the primary point of contact for BIM-related issues and queries, overseeing the overall **BIM implementation** and workflow optimization.

Educational Qualification :

- Bachelor of Engineering in Civil from Anna University- BIT campus (Tiruchirappalli).

Duration : 2015-2019

Certifications:

- Certification of **Building Design** from **CADD CENTRE.**
- **Masters in BIM** from **INSTITUTE OF INDUSTRIAL DESIGN.**