Vasu Manoharan

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Career Profile:

Accomplished **Civil 3D Designer** 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,BIM 360 and SketchUp**.

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**.

❖ My career has been dedicated to delivering innovative **design solutions**, **streamlining project workflows,** and ensuring seamless collaboration among multidisciplinary teams.

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**, upto version 2016
- **AutoCAD**, upto version 2016
- **Navisworks** 2016,
- **SketchUp**
- **MS Excel**, **Word** ,**Power Point**.

Work Experience:

Rahmath Construction -Aranthangi, Pudukkottai, TamilNadu.

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

Designation   : **Civil 3D Designer.**

Project Experience:

Planning and Design

- Designing **residential and commercial** subdivisions.
- Preparing **site layouts**, lot grading plans, and utility **distribution plans**.
- Coordinating with landscape architects for landscaping and open space design.
- Addressing zoning and land use regulations.

Construction Documentation and Support

- Developing detailed construction drawings and specifications.
- Collaborating with contractors to resolve design-related issues during construction.
- Conducting site visits to ensure construction compliance with plans.
- Managing as-built documentation.

Project Management and Coordination

- Assisting project managers in planning and tracking project timelines and budgets.
- Coordinating with interdisciplinary teams, including architects, geotechnical engineers, and environmental consultants.
- Preparing permit applications and supporting documents.
- Conducting project meetings and communicating progress to stakeholders.

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.**