

Dhanya Mary Jose

Structural Draftsman- Civil

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PROFILE SUMMARY

Experienced Structural Draftsman with over 7 years of professional experience in drafting and coordinating structural drawings for residential, commercial, industrial and government projects. Proficient in AutoCAD, ZWCAD, with strong expertise in structural detailing, steel works and project visualization. Adept at managing multiple projects, implementing revisions and ensuring accuracy and compliance with engineering standards. Demonstrates excellent precision, adaptability and problem-solving skills, effectively collaborating with engineers, architects and site teams to deliver high-quality structural solutions.

Academic Qualifications

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| • Diploma in Civil Engineering- Indian Institutes of Engineers , Kerala- India | 2013 |
| • Pre University- Dept of Higher Secondary Education, Kerala- India | 2014 |
| • BBA- University of Madras, Chennai- India | 2020 |

Work Experience

Valsaraj Associates Kerala - India

2021-2025

Structural Draftsman

- **Coordination** – Leading communication between engineering and site teams for structural design accuracy.
- **Supervision** – Overseeing drafting progress across multiple projects to ensure adherence to standards.
- **Detailing** – Producing advanced reinforcement, section, and layout details for execution.
- **Quality-Control** – Reviewing and validating drawings to maintain precision and consistency.
- **Multi-Tasking** – Managing 5+ concurrent structural projects with strict timelines.
- **Innovation** – Utilizing ZWCAD and AutoCAD efficiently for faster and optimized design workflows.
- **Documentation** – Maintaining organized drawing records and revision logs.
- **Delivery** – Successfully completed over 25+ major structural projects.

AES Kerala - India

2021

Structural Draftsman

- **Drafting** – Created detailed 2D structural drawings and assembly layouts using AutoCAD.
- **Revision** – Updated and corrected plans as per engineer feedback and client requirements.
- **Accuracy** – Ensured technical correctness and dimensional precision across all deliverables.
- **Collaboration** – Worked closely with design engineers to interpret and implement concepts.
- **Scheduling** – Supported project deadlines through efficient task prioritization.
- **Standardization** – Followed company CAD protocols and drawing templates for consistency.
- **Achievement** – Completed 10+ structural projects meeting all design specifications.

Structural Draftsman

- **Design-Support** – Assisted structural engineers in creating initial design layouts and blueprints.
- **Conceptualization** – Helped translate conceptual sketches into detailed technical drawings.
- **Visualization** – Developed graphical representations of buildings for presentations and client approvals.
- **Coordination** – Liaised with contractors and site personnel to clarify design details.
- **Learning** – Gained practical exposure to structural drafting principles and project workflows.
- **Precision** – Maintained dimensional integrity across multiple drawing sets.
- **Completion** – Contributed to the completion of 20+ structural design projects.
- **Adaptability** – Learned to adjust to diverse project types and design challenges.

Projects

Residential and Commercial Projects

- High-Rise Apartments, Villas, Hospitals
- Clients: Asset Homes, Varma Homes, Meridian Homes, Lulu Mall (Thirur), Welcare Hospital, Medical Trust Hospital, Aster Hospital

Government and Institutional Projects

- Bridges, Auditoriums, Hospitals, MES Projects

Industrial and Steel Structure Projects

- Steel Works, Canopy Trusses, Godowns, Connecting Bridges, Steel Stairs, Lift Connections

GCC and Specialized Projects

- Water Treatment Plant, Tank Farm, Steel Tank Fabrication

Technical Skills

- AutoCAD
- ZWCAD
- Revit Architecture
- 3ds Max
- Microsoft Office

Strengths

- **Precision** – Maintains high accuracy in every drawing and measurement to ensure flawless execution on-site.
- **Creativity** – Brings innovative design approaches to structural layouts and visual presentations.
- **Teamwork** – Collaborates effectively with engineers, architects and site teams to achieve project goals.
- **Adaptability** – Quickly adjusts to new tools, design updates and changing project requirements.
- **Accountability** – Takes ownership of assigned tasks, ensuring timely and high-quality delivery.
- **Organization** – Keeps drawings, revisions and project documentation well-structured and accessible.
- **Problem-Solving** – Identifies design or drafting issues early and proposes practical solutions.