

BASINA GOVINDA

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Objective: To earn a responsible and challenging position as a Civil Engineer specialized in Structural Design in a progressive, growth-oriented organization.

SUMMARY

- I am a Qualified Civil Engineering diploma with 5 years specialized experience in Wooden Structural Design using **MiTek STRUCTURE, Alpine and Cs Build**.
- Skilled and knowledgeable in for designing of buildings with excellent hands-on experience from conceptualization phase to development of production drawings and generating reports.
- As a professional Wooden Floor/roof/wall panel Designer / Reviewer, my primary function is to ensure that structural component drawings are consistent and compliant with the client's architectural drawings, structural drawings, builder's selection sheets and sales personnel requests.

WORK EXPERIENCE

Working for Ascent cad services pvt Ltd. their office located at Hyderabad, India.

Positions held

- **Junior Designer** (July 2014 to July 2017)
- **Senior Designer** (July 2017 to 2019)
- **Team leader** (July 2017 to 2020)

WORK DETAILS

- Designed Wall Panels, Floors (EWP & OWFT) and Roof for single family Houses, Condos, Townhouses and multifamily buildings using the MiTek STRUCTURE and Alpine.
- Read and interpret Architectural and Structural drawings for homes and town houses. Review all component layouts to assure conformance with approved plans and builder's specifications.
- **Wall Panels:** Design panels with built-in openings and footers hence achieving reduced framing labour time and reduced jobsite waste. During the design phase incorporated ink-jet labels for quick and easy installation at the site. This led to cost effective framing and a faster built home for customers.
- **Floors (EWP):** Design long span I-Joists with high precision cut before delivery to site resulting in reduced framing labour time and less waste. Each member also includes pre-cut, routed holes for running wires and pipes. This drastically

improved project efficiency reducing time and cost to install electrical, plumbing and HVAC systems.

- **Floors (OWFT):** Design floor truss systems which allow long spans as well as easy access for mechanical and plumbing needs specifically suitable for townhouses, condominiums, and apartments.
- Develop "Calculation Reports of floors for cost estimation and management decision.
- **Roof:** Design Truss Systems including Roof planes and engineering of individual roof and floor trusses to work cohesively as a single system and bring optimization in design wherever required
- Generate Board footage for Roof and Floor Trusses.
- Developed specialized skill in designing floor (i joists and LVL) or trusses including roof truss framing and very enthusiastic to work on critical roof structures. I am capable to quickly learn any future developments in this field.
- Ensured that the designs meet quality and safety standards.

TECHNICAL SKILLS

- Alpine
- MiTek STRUCTURE
- AutoCAD 2D&3D
- M S Office Tools
- Basic skills of Project Management
Preparing work rosters
Managing resources
Defining work timelines
Creating and assigning tasks

PERSONALITY SKILLS

- An Enthusiastic, detail oriented, self-starter and a quick learner
- Comfortable in working as part of a team or individually
- Good Communicator (English)
- Eager to take up challenging assignments
- Involved in regular design meetings with global teams, team leaders and stakeholders
- Ensure compliance of work as per the client regulations and organizational standards
- Passionate to Technical Design
- Strictly abide by the organization work Ethics

KEY STRENGTHS

- My key strength is my exceptional ability to work in teams, communicate well with everyone, meet deadlines, maintain schedules and support business objectives.
- To work effectively under pressure and multitask in a fast-paced environment. I have good organizational skills, problem solving skills including time management
- I have successfully developed trust and confidence amongst management members in execution of qualitative tasks within the time schedule.

EDUCATION

- Diploma (2 years' program) in **Civil Engineering** from Govt politechnic, Andhra Pradesh, India (2012-2014)
- Pre-University Course (2 years' program) with specialization in Mathematics, Physics & Chemistry from Board of Intermediate vocational course Examination, Andhra Pradesh, India (2010-2012)

PERSONAL INFORMATION

- Nationality - Indian
- Gender - male
- Present Location - India