



YAQOOB SAYEED AL KHAILI

B.E. (Civil) M.E. (Structures)

Structural Engineer

Key experience

- I am a qualified Post-Graduate Civil Engineer with a Master's degree in Structural Engineering and three years of experience in structural analysis and design. I possess the ability to manage multiple projects and schedules simultaneously, serving as an excellent public-facing representative for clients. I am technically adept and focused on efficiency, with experience at various stages of analysis, design development, and construction activities.

Core Competencies

- Structural Design and Optimization
- Expertise in Structures, including commercial, residential, and public buildings
- Proficient in creating Design Basis Reports
- Skilled in analyzing and designing using both manual techniques and software
- Comprehensive design in accordance with the latest local and international codes of practice
- Structural Design Detailing
- High-Rise Structure Design that adheres to all IS 16700:2017 codal provisions

Roles and responsibilities

- Coordinate efficiently with clients, architects and project managers.
- Analyze, design, and detail intricate building structures.
- Conduct load and stress calculations using Finite Element Method (FEM) software.

- Perform site inspections to evaluate property conditions and assess foundation integrity.
- Provide technical support to all teams within the office.

Major Projects

Did masters project on G+44 high rise Building and did “Comparative Study on Dynamic Behavior of High Rise Building With Transfer Slab Considering Soil Structure Interaction”.

- Reduced the grade of concrete utilized, achieving cost-effective construction while maintaining acceptable dynamic behavior.
- Optimized and Reduced Grade of concrete for economical construction within acceptable dynamic behavior.
- Many other critical problems.

Some of the key project design executed across various platforms includes

Commercial Prestressed Slab building

G+5= 6 Floors.

Secunderabad, India

Client: MATR Architects.

7 Residential Building Blocks

G+5= 6 Floors

Hyderabad , India.

Client: MATR Architects

Residential Building

G+5= 6 Floors

Hyderabad, India.

Client: Studio Architect

Professional History

- SYED Engineering & Acoustics Consultancy – Sharjah.
April 2024 – Present
- IMARAT Consulting Services
Hyderabad, India
June 2019 – May 2022

Qualifications

- Master of Engineering in Structural Engineering
Osmania University, Hyd.
- Bachelor of Engineering in Civil Engineering
Osmania University, Hyd.

Contact

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- Location: Sharjah, UAE
- Driving Licence: Available

Codal Knowledge

- IS 456:2000
- IS 16700:2017
- IS 1893:2016
- IS 13920:2016
- IS 875 (Parts I, II, III, V)
- ACI 318M-14

Software Skills

- ETABS
- SAP 2000
- SAFE
- AutoCAD
- MS Office
- Revit BIM
- Bluebeam Revu