

SHAIK MASROOR AHMED

Structural Designer

Masroorassociates786@gmail.com

Tel: +966 551903425

Riyadh, Saudi Arabia

Professional Summary

Dedicated Structural Designer with 4 years of experience in the construction industry, specializing in structural analysis, design optimization, and construction supervision across residential and commercial projects.

- Proficient in load calculations, material specifications, and ensuring compliance with relevant codes and safety standards.
- Strong expertise in structural design software (e.g., ETABS, STAAD Pro, AutoCAD), with a consistent record of delivering cost-effective and structurally sound solutions.
- Meticulous attention to detail and a results-driven approach, with a history of completing complex engineering tasks within budget and timelines.
- Effective communicator and team player, skilled at coordinating with architects, MEP teams, contractors, and clients throughout project lifecycles.
- Dedicated to ongoing learning and professional growth, staying updated on the latest structural innovations, sustainable practices, and construction technologies.

Technical Proficiency

- Interim Payment Preparation & Certification
- Subcontractor invoice Preparation & Certification.
- Preparing and monitoring logs for all IPCs, VO's & Subcontractors Payments.
- Unit price estimation for new items is required for VO's comparison sheet per the new work with different suppliers.
- Preparation of subcontract agreements with the procurement department.
- Quantity Take off for all project-required items to submit the Revised BOQ & VOs.
- Comparing Project Monthly Cash flow vs Current Cash flow
- Reconciliation of Materials.
- Provide and assist the required project quantity to the purchasing department to prepare POs.
- Strong problem-solving and analytical skills.
- Proficient in AutoCAD, Primavera P6, MS PROJECT, Etab, SAP 2000, STAAD PRO & Revit BIM

Education Qualification

COURSE NAME	UNIVERSITY
B. TECH (BACHELOR OF TECHNOLOGY IN CIVIL ENGINEERING)	JNTUH, HYD
M.ENG (MASTER OF ENGINEERING IN STRUCTURAL ENGINEERING)	Osmania University, HYD

Professional Experience

COMPANIES	DESIGNATION	LOCATION	DURATION
CONTRACTOR	Structural designer	Riyadh, Saudi Arabia	2 Years
VASAVI	Structural Engineer	Hyderabad. India	2 years

Personal Information

Languages known	English, Arabic & Urdu
Nationality	Indian
Driving license	KSA valid
Iqama Status	Transferable

Projects

Project: Residential Villas

NAME OF THE PROJECT	RESIDENTIAL VILLAS IN AL MAHDIYYA
Position	Structural Designer
Location	Riyadh, Saudi Arabia
Duration	.jan.2023 to Jan. 2025
Responsibilities	<ul style="list-style-type: none">• Designed and reviewed reinforced concrete & structural steel components for villas, commercial buildings, and infrastructure projects in compliance with SBC.• Prepared structural drawings, general arrangement drawings, and bar bending schedules for execution.• Conducted structural analysis and load calculations (dead, live, wind, seismic) using STAAD.Pro and ETABS.• Coordinated with municipality and civil defense authorities for project approval in Saudi Arabia.• Reviewed shop drawings, material submittals, and method statements as per project requirements.• Assisted project teams in resolving on-site structural challenges and providing technical support during execution.• Prepared BOQs and cost estimates for structural works to support tender submissions.• Ensured compliance with health, safety, and quality standards (ISO, SASO, SBC).

Previous Project: Residential Apartments G+42 Floors

NAME OF THE PROJECT	VASAVI ATLANTIS
Position	Structural Engineer
Location	Hyderabad
Duration	Sep.2020 to Sep.2022
Responsibilities	<ul style="list-style-type: none">• Supervised residential apartment construction, including RCC structural works (footings, columns, beams, slabs, staircases, retaining walls).• Conducted rebar inspections and ensured compliance with IS codes (IS 456, IS 800, IS 3370, IS 875, etc.) and project drawings.• Prepared and checked Bar Bending Schedules (BBS), ensuring accurate cutting, bending, and placement of reinforcement steel.• Coordinated with consultants for structural drawing approvals, site inspections, and quality checks.• Assisted in structural design verification and basic calculations under senior structural engineers.• Prepared AutoCAD drawings (plans, reinforcement details, sections) for execution and revisions.• Conducted concrete quality tests (slump test, cube compressive strength test) and monitored mix design adherence.• Maintained site progress reports, daily logs, and contractor billing measurements.• Coordinated with MEP and architectural teams to resolve design and execution issues.• Involved in quantity estimation, BOQ preparation, and cost monitoring for structural works.• Ensured site safety compliance as per IS safety standards and company HSE policy.• Handled client coordination and subcontractor management, ensuring the timely delivery of works.