

SHAHZEEN U

CURRICULAM VITAE-CIVIL ENGINEER

Jeddah, Saudi Arabia

+966 568943859 | shahzeenafiq@gmail.com | linkedin.com/in/Shahzeen-u

SUMMARY

I am a dedicated and detail-oriented Civil Engineer with expertise in the field of Quantity Surveying. And, I have developed a strong foundation in engineering detailed design, estimation, infrastructure solutions; buildings, road works, utilities, also necessary applications & tools. I excel in analyzing costs, optimizing resources, and delivering projects that meet both technical and financial benchmarks. I am a self-assured and ready to accept challenging project environments.

PROFESSIONAL EXPERIENCE

Quantity Surveyor | H&M Building Experts, Kerala, India | August 2024 – August 2025

Quantity Surveying:

- Prepared detailed quantity take-offs, BOQs, BBS, estimates for commercial and residential infrastructure project works from architectural and structural drawings.
- Analyzed drawings and specs, and utilized AutoCAD and MS Excel.
- Managed cost comparisons, verified bills, and assessed variations/change orders.
- Prepared project progress/completion documents using MS Office.
- Skilled in drafting working drawings with AutoCAD.
- Mainly focused on government-funded school infrastructure development projects under the Kerala Infrastructure Investment Fund Board and Kerala Institute of Local Administration (KILA- KIIFB Infrastructure Development Projects)
- Key projects: Government Schools, Shopping Complex, Conference halls, Residential Apartments, Retain walls, Structural & road works.
- Assisted in preparing tender documents and reviewing BOQs, rate analysis, contractor bills. Maintained site documentation including measurements, records of material usage, material tracking, progress reports and variations to support valuation and reporting.
- Conducted joint measurements and ensured timely billing and verification processes.
- Conducted rate analysis for labor, materials, and equipment as per local market trends and schedule of rates (SOR).
- Managed cost control, tracking project expenditures against approved budgets and identifying areas for cost-saving.

Site Supervision:

- Monitored daily site activities, ensuring that construction works complied with specifications, safety regulations, quality standards and identify deviations/defects.
- carry-out the site inspections for the Civil works and providing approvals.
- Supervised day-to-day construction activities, ensuring compliance with approved drawings, specifications, and safety standards.
- Coordinated with site engineers, contractors, project managers and government officials for smooth project execution.
- Ensured quality control of construction materials and workmanship through regular inspections. Monitored labour productivity, site scheduling, and material delivery timelines.
- Conducted progress review meetings, updated site reports, and communicated issues or delays to higher management.
- Ensured all site activities complied with safety protocols, minimizing risk and promoting a safe work environment.

PROJECTS

Planning Analysis & Design Of Steel Structure Building | STAAD.Pro, Etabs **March 2024**

- Designed a G+3 steel-framed commercial building using STAAD.Pro and ETABS.
- Modeled structural elements, applied load combinations, and performed stability analysis.
- Followed IS codes (IS 800, IS 875, IS 1893) for structural safety and compliance.
- Estimated material quantities, steel tonnage, and cost for BOQ preparation.
- Created structural layout plans, design calculations, and final project reports.
- Designed a multi-storey steel structure building considering dead, live, wind loads.

Tecorep System For Clean & Safe Demolition Of Tall Buildings | Seminar journals **Sept 2023**

- Researched the Tecorep System for clean, safe, and sustainable demolition of tall buildings, focusing on environmental impact and worker safety.
- Analyzed hydraulic mechanisms, robotic technologies, and controlled demolition techniques to ensure precision with minimal dust, noise, and waste.
- Compared traditional and Tecorep methods in terms of cost, time efficiency, and ecological footprint.
- Explored real-world case studies demonstrating Tecorep's effectiveness and scalability for large-scale projects.
- Delivered a technical presentation using visual aids and simulations to communicate system design, safety measures, and implementation outcomes.

EDUCATION

- **Bachelor of Technology in Civil Engineering | Sep 2020 - June 2024**
Al-Ameen Engineering college, shoranur
- **Kerala Board Of Higher Secondary Education | Sep 2018 - June 2020**
GHSS Boys, Perinthalmanna
- **SSLC- Central Board Of Secondary Education | Sep 2016 - June 2018**
ISS English Medium Senior Secondary School, perinthalmanna

CERTIFICATIONS

- Bachelor of Technology in Civil Engineering
- Survey using Total station, AutoCAD 2D
- Microsoft Projects, Primavera P6
- STAAD Pro, Bridging academia to aeco industry
- work readiness program Asap
- Roadway to Industry

SKILLS

Quantity Surveying, Project Estimation, AutoCAD Drafting, Cost Management, BOQ Preparations, Site Supervisions, Project Coordination, Time Management.

Awards/Activities:

Most Innovative Intern of the Year (2023), Overall Best Intern, Onboarding Project Lead (2024)

ADDITIONAL INFORMATION

- **Languages:**
English (Fluent), Malayalam (Native), Hindi & Arabic (Basic)
- **Iqama status:** Transferrable