



Irshad M

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Profile

Civil Engineer – Estimation & Site Engineering

Civil engineer with over 5 years of end-to-end exposure in project engineering, quantity surveying, cost estimation, and site supervision across bridges, culverts, retaining walls, and residential/commercial developments in Saudi Arabia, UAE, and India. Looking to contribute as an Estimation Engineer / Site Engineer by driving accurate BOQ preparation, cost control, and compliant site execution in alignment with project specifications, contract conditions, and HSE standards.

Professional Experience

Project Engineer – Estimation & Quantity Surveyor | Smart Work General Contracting Company, Tabuk – Saudi Arabia | Jul 2022 – Aug 2025

- Led site execution for RCC bridges, culverts, retaining walls, and building works in alignment with IFC drawings and project specifications.
- Conducted quantity take-offs, BOQ development, cost estimation, and rate analysis to support tendering and project budgets.
- Coordinated with consultants, survey teams, and subcontractors to ensure compliance with quality, safety, and inspection requirements.
- Monitored reinforcement, formwork, and concrete activities, validating conformance with MOT/Aramco standards.
- Prepared technical documentation including progress reports, inspection requests, subcontractor evaluations, and material verifications.

Project Engineer – Quantity Surveyor | Marker Builders & Developers, Kerala – India | Jul 2020 – Dec 2021

- Developed cost estimates, measurements, and material take-offs for residential and commercial building projects.
- Supervised site works and coordinated activities to ensure timely completion within quality and budget parameters.
- Managed client coordination, inspection support, and preparation of progress and site measurement reports.
- Oversaw material receiving, quantity verification, and documentation to align with contractual and technical requirements.
- Supported field engineering by resolving design queries and ensuring adherence to project standards.

Maintenance Engineer | Grand Square Mall, Sharjah – UAE | Jan 2020 – Jun 2020

- Supervised civil maintenance operations and ensured timely completion of corrective and preventive tasks.
- Conducted routine inspections and coordinated with cross-functional teams to maintain facility integrity.
- Managed contractor activities, work orders, and quality verification of completed tasks.
- Prepared daily maintenance reports and monitored inventory for material requirements.

Draftsman | Planners Builders Pvt. Ltd, Malappuram – India | Sep 2016 – Jan 2020

- Prepared structural and architectural drawings using AutoCAD in alignment with design standards.
- Supported design development, client discussions, and documentation for project approvals.
- Ensured technical accuracy and compliance with relevant codes, specifications, and contract conditions.
- Assisted site teams by addressing drawing discrepancies and providing technical clarifications.

Core Competencies And Skills

- **Estimation & Quantity Take-off:** Preparation of BOQs, material take-offs, detailed cost estimates, and rate analysis using project drawings and specifications.
- **Quantity Surveying & Cost Control:** Measurement verification, subcontractor billing, preparation of IPCs, and monitoring deviations against approved budgets.
- **Site Engineering & Supervision:** Oversight of RCC structures, bridges, culverts, and building works, ensuring adherence to approved drawings, method statements, and HSE protocols.
- **Technical Design & Drafting:** Development of architectural and structural drawings using AutoCAD 2D, Revit Architecture, and 3DS Max for coordinated project documentation.
- **Project Coordination & Planning:** Daily/weekly work scheduling, material and resource alignment, inspection coordination, and progress reporting with consultants and project teams.
- **Documentation & Reporting:** Preparation of as-built drawings, inspection reports, material tracking registers, progress reports, and construction documentation in MS Office.
- **Digital Tools & Visualization:** Utilisation of Photoshop and digital platforms for visual presentations, technical documentation, and design enhancements supporting project communication.

Education

- **Bachelor's Degree In Civil Engineering** | Anna University, Chennai – India | 2019
- **Diploma In Civil Engineering** | DOTE Tamil Nadu, Chennai – India | 2016
- **Industrial Training Institute (Draughtsman Civil Engineering)** | NCVT, Kerala – India | 2013

Personal Details

- Nationality: Indian
- Languages: English | Arabic | Hindi

References

Available upon request.