

T.M. Mageshwaran, B.E. (Civil), D.C.E

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Professional Summary

Accomplished Civil Engineer with 2+ years of field expertise in large-scale residential and commercial projects (G+4 structures). Proven success in leading project execution, improving productivity by 25%, and achieving cost savings of 12% through strategic resource management and risk mitigation. Adept at optimizing design-to-construction processes, ensuring 100% compliance with local codes, and fostering strong client relationships to accelerate project timelines and quality delivery.

Professional Experience

Civil Site Engineer

Harsha's Construction, Salem, Tamil Nadu
April 2023 – Present

- **Directed on-site execution** of over 60,000 sq.ft across 10+ RCC residential and commercial structures (G+3 to G+4), delivering each stage from excavation to handover within project timelines.
- **Optimized material usage**, reducing cement and steel waste by **12%** through precise quantity take-offs and bar bending schedule (BBS) validations, cutting unnecessary costs.
- **Improved productivity by 25%** by coordinating workflows between labor teams, subcontractors, and vendors, minimizing delays and rework.
- **Mitigated execution risks** by identifying and resolving layout mismatches and structural deviations early, cutting rework frequency by **35%**.
- **Prepared and maintained** critical project documentation, including DPRs, labor deployment reports, quality checklists, and subcontractor billing statements to ensure transparency and accountability.
- **Enforced site safety standards** through regular toolbox talks and compliance checks, achieving **zero lost-time injuries** and maintaining consistent labor efficiency.
- **Facilitated cross-functional collaboration** by serving as a key liaison between clients, consultants, and the site team, accelerating decision-making and client approvals.

Technical Skills

- **Site Execution & Leadership:** RCC Construction, Quality Control, Site Supervision, Schedule Adherence
- **Project Management:** Cost Optimization, Vendor Relations, Risk Mitigation, Resource Allocation
- **Technical Proficiency:** AutoCAD, STAAD.Pro (Design Review)
- **Cost Estimation & Analysis:** BOQ, Rate Analysis, Material Management, Quantity Take-Off, Bar Bending Schedule (BBS)
- **Team Collaboration & Client Communication:** Cross-Functional Teamwork, Client Liaison, Site Reporting
- **Software Tools:** MS Excel, Word, PowerPoint, PDF Annotators

Education

Bachelor of Engineering (Civil Engineering) – CGPA: 8.02

Annapoorana Engineering College, Salem, Tamil Nadu | 2024

Relevant Coursework: Structural Analysis, Construction Management, Geotechnical Engineering, Project Planning

Diploma in Civil Engineering – 98.09%

Thiyagarajar Polytechnic College, Salem, Tamil Nadu | 2021

Languages

- Tamil – Native
- English – Fluent

Declaration

I hereby declare that the information provided is true and correct to the best of my knowledge and belief.



T.M. Mageshwaran