

SAMAGNKUMAR SRIPATHI

CIVIL ENGINEER | PROJECT ENGINEER | CONSTRUCTION PROJECT MANAGEMENT

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PROFESSIONAL SUMMARY

Civil engineering and construction professional with 8+ years of experience supporting and delivering 25+ residential, commercial, and industrial projects from planning and design through site execution and completion. India-licensed Civil Engineer with hands-on experience in project planning, estimation, scheduling, cost control, technical documentation, site supervision, contractor coordination, concrete quality, and code/safety compliance. Proficient in AutoCAD, Revit, SketchUp, and Microsoft Office, with a practical record of resolving field issues and coordinating clients, contractors, subcontractors, and technical teams. Currently pursuing a Master of Science in Civil & Environmental Engineering at the University of Dayton.

CORE COMPETENCIES

Construction Planning & Site Execution | Project Coordination | Cost Estimation & Cost Control | Scheduling | AutoCAD | Revit | SketchUp | Technical Documentation | Contractor & Subcontractor Coordination | Client Coordination | Concrete Testing & Mix Analysis | Quality Control | Building Code & Safety Compliance | Waterproofing | Sustainable Construction

PROFESSIONAL EXPERIENCE

Samagn Constructions & Building Solutions | Karimnagar, Telangana, India

Founder & Consultant Civil Engineer |

Mar 2021 - Jul 2025

- Led civil engineering consultancy and project-delivery activities across a cumulative portfolio of 25+ residential, commercial, and industrial projects from design through completion.
- Served as a government-authorized Licensed Civil Engineer in India, providing design, certification, supervision, and compliance support in accordance with applicable building codes and safety requirements.
- Managed project planning, estimation, scheduling, cost-control inputs, and technical documentation to support timely, economical, and quality-focused execution.
- Coordinated with clients, contractors, and subcontractors to resolve site constraints, maintain workflow continuity, and align execution with project requirements.
- Applied AutoCAD, Revit, SketchUp, and project-management tools to improve design coordination, documentation quality, and construction workflow.
- Provided waterproofing and construction-management solutions focused on durability, structural longevity, and reduced maintenance requirements.
- Executed modular interior projects using space-efficient planning and practical material selections to improve functionality and finish quality.

Kola Anna Reddy Associates | Karimnagar, Telangana, India

Project Engineer |

Mar 2018 - Mar 2021

- Supported senior engineering leadership in project planning, site supervision, technical documentation, and execution monitoring for civil construction projects.
- Coordinated design and field activities with project teams to maintain engineering standards, quality expectations, and delivery schedules.
- Prepared and reviewed technical reports and site documentation while resolving day-to-day field issues through practical engineering judgment.
- Strengthened on-site coordination and construction-management capability by working directly with multidisciplinary teams and real-world project constraints.

My Home Group of Industries | Hyderabad, Telangana, India

Technical Concrete Mobile Lab Engineer |

Jun 2018 - Mar 2019

- Conducted on-site concrete testing and mix-design analysis to verify quality, optimize cement usage, and support compliance with IS codes and industry requirements.
- Advised contractors and site engineers on cement application, mix proportioning, and durability while troubleshooting segregation, bleeding, delayed setting, and related concrete-performance issues.
- Collaborated with project teams and R&D personnel, translating site observations into technical feedback to support product quality and field application performance.

EDUCATION

University of Dayton | Dayton, Ohio, USA

Master of Science in Civil & Environmental Engineering | Expected May 2027

RELEVANT COURSEWORK

Construction Management | Geotechnical Engineering | Transportation Engineering | Environmental Engineering

TECHNICAL SKILLS

Design & Modeling: AutoCAD, Revit, SketchUp, Advertisement Posters & Flyers Designing Expert

Project / Construction: Planning, Estimation, Scheduling, Cost Control, Technical Documentation, Site Supervision, Quality Control

Productivity: Microsoft Office

Languages: English (Fluent), Telugu (Native), Hindi (Intermediate)