

D.SURYAKUMAR

Construction Engineer



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PROFESSIONAL PROFILE

Motivated Construction Engineer with hands-on experience in site execution, RCC supervision, quantity take-off, and construction coordination. Skilled in ensuring quality control, safety compliance, and efficient project delivery. Proficient in AutoCAD, Revit, and Tekla with strong technical and organizational abilities. Seeking to contribute technical expertise and site engineering skills to construction projects in Germany.

PROFESSIONAL EXPERIENCE

Site Engineer – Amman Construction, Kalpakkam (Jan 2025 – Dec 2025)

- Supervised construction activities as per structural drawings and specifications
- Managed RCC works including formwork, reinforcement, and concreting
- Performed quantity take-off and verified Bar Bending Schedules (BBS)
- Ensured quality checks and adherence to safety standards
- Prepared daily progress reports

INTERNSHIPS & TRAINING

- Quantity Survey Trainee – BHAVINI, Kalpakkam (2023)
- Site Engineer Trainee – NLC India Ltd, Neyveli (2024)
- Project Engineer Trainee – CADWORKS INDIA Pvt Ltd (2025)

EDUCATION

B.E Civil & Structural Engineering – Annamalai University (2021–2025) – CGPA: 7.74

Higher Secondary Certification – Kendriya Vidyalaya No.2 Kalpakkam (2020-2021) – 82%

TECHNICAL SKILLS

Site Execution, RCC Supervision, Quantity Take-off, Quality Control, AutoCAD, Revit, Tekla, MS Office
Revit Architecture – Alison Online Course

PROJECTS

Use of Untreated Sea Sand as Partial Replacement of River Sand in Concrete

Final Year B.E. Project · Civil & Structural Engineering

This academic project focused on evaluating the feasibility of using untreated sea sand as a partial replacement for conventional river sand (fine aggregate) in concrete. The study aimed to address material scarcity and sustainability concerns associated with excessive river sand extraction.