Athira Menon

Site Engineer Trainee (Civil)

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Personal statement

B.Tech Civil Engineering graduate (2026, 8.1 CGPA) with an eight-week site internship on a G+7 residential project. Skilled in AutoCAD, STAAD.Pro, quantity estimation, bar bending schedules and concrete testing, and looking for a site engineer trainee or quantity surveyor role in Kerala or Bengaluru.

Education

B.Tech in Civil Engineering · Kerala Valley College of Engineering, Thrissur, Kerala 2022 – 2026
Grade: 8.1 CGPA

Class XII (Kerala HSE) in Science · Nirmala Higher Secondary School, Thrissur, Kerala 2020 – 2022
Grade: 93%

Class X (Kerala SSLC) in Secondary School · Nirmala Higher Secondary School, Thrissur, Kerala 2019 – 2020
Grade: A+ in 9 subjects

Projects

Analysis and Design of a G+3 Residential Building · Final-year project (team of 4) Aug 2025 – Mar 2026

RCC design to IS 456 and IS 1893 using STAAD.Pro and AutoCAD.

- Modelled dead, live and seismic zone III loads, designed beams, columns and isolated footings, and prepared working drawings.
- Estimated quantities and cost of the structure to within 5% of a consultant benchmark.

Partial Replacement of Cement with Fly Ash in M25 Concrete · Mini project Dec 2024 – Mar 2025

Laboratory study in the college concrete lab.

- Tested 54 cubes at 0%, 15% and 30% replacement; the 15% fly ash mix retained 97% of 28-day strength.

Skills

AutoCAD · STAAD.Pro · Quantity estimation · Bar bending schedule · Concrete testing · MS Project · Levelling and total station basics · MS Excel

Work experience

Site Engineering Intern · Malabar Buildcon Pvt Ltd, Thrissur, Kerala May 2025 – Jun 2025

- Assisted the site engineer in supervising slab, beam and column work on floors 3 to 5 of a G+7 apartment block.
- Prepared bar bending schedules for 2 floor slabs and checked reinforcement against structural drawings before concreting.
- Conducted 40 slump tests and cast 72 cube samples, maintaining the concrete register for 28-day strength results.
- Measured completed work for 3 running-account bills and reconciled cement and steel consumption with stores.

Certifications

NPTEL: Concrete Technology · NPTEL Apr 2025

Revit Architecture Certificate Course · Thrissur CAD Academy Nov 2025

Core skills

- Site supervision
- Drawing interpretation
- Safety awareness
- Contractor coordination
- Documentation

Languages

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English · Professional | Malayalam · Native | Hindi · Conversational | Tamil · Conversational