Hamza Qureshi

Graduate Civil Engineer

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CAREER OBJECTIVE

Civil engineering graduate with a 10-week site internship on a four-storey commercial building and a final-year project on low-cost flexible pavement. Comfortable with AutoCAD, ETABS and quantity take-off in Excel. Looking for a trainee or junior site engineer role with a building contractor.

EDUCATION

BSc Civil Engineering

Ravi Institute of Engineering, Lahore | 2022 - 2026 | CGPA 3.3 / 4.0

- Relevant courses: Structural Analysis, Reinforced Concrete Design, Soil Mechanics, Highway Engineering, Quantity Surveying.

INTERNSHIP

Site Intern

Crescent Bay Builders, Lahore | Jun 2025 - Aug 2025

- Checked steel reinforcement against bar bending schedules for 14 columns and 2 slabs before each concrete pour.
- Recorded slump tests and cast 36 cube samples, then logged 7-day and 28-day results in the site register.
- Measured brickwork and plaster quantities for the weekly progress bill under the site engineer.

FINAL-YEAR PROJECT

Low-Cost Flexible Pavement Using Recycled Aggregate

Team of 4 | Sep 2025 - May 2026

- Tested 5 mix designs with 0% to 40% recycled aggregate using CBR and Marshall stability tests.
- Found that the 20% mix met the design CBR while lowering estimated material cost by about 11%.

TECHNICAL SKILLS

Software: AutoCAD 2D, ETABS (basic frames), MS Project (basic), Excel

Site: levelling with auto level, cube and slump testing, bar bending schedule reading

Standards studied: ACI 318, ASTM testing methods

LANGUAGES

English (fluent), Urdu (native), Punjabi (native)