

MUHAMMAD ALI ASGHAR

Registered Civil Engineer (International Driving Permit)

DOB: NOV 07, 2002

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LOCATION: Riyadh, Saudi Arabia (Transferable Iqama)



PROFESSIONAL SUMMARY

A young, dynamic, result-oriented, and productive first-class graduate of Civil Engineering with deft structural analysis, project management skills. I am a fast learner and an open-minded team player who is passionate about pursuing a career as a structural engineer, with the hope of making significant and enormous contributions via innovative skills.

Interests: Structural Analysis | Site Supervision | Green Building Technologies | Energy Efficient Buildings

EDUCATION

- | | |
|--|-----------|
| • COMSATS University Islamabad, Wah Campus, Punjab, Pakistan. | 2020-2024 |
| Bachelor of Science (BS) in Civil Engineering | |
| • Islamabad Model College for Boys G-10/4. | 2018-2020 |
| Fsc Pre-Engineering | |
| • Islamabad Model College for Boys G-10/4. | 2016-2018 |
| MATRIC (SCIENCE) | |

EXPERIENCE

SITE ENGINEER.

Jul. 2024 – Nov 2025

M/S Madina Traders (Govt. Contractors), Pakistan.

Project: Govt. Associate College for Girls, Mangat, Mandi Bahauddin

- Supervised civil works and site activities for the college project.
- Assisted in quality checks and material inspections on-site.
- Handled site records and coordination with consultants

Assistant DESIGN Engineer (Internship).

Jul. 2023 – Aug. 2023

BK CONSULTANTS, Punjab, Pakistan.

- Consultancy Services for Feasibility Study & Detailed Design for Rehabilitation/ Upgradation and Widening of Quetta- Dhadhar Section of N-65 (118 Km) Approx.
- Consultancy Services for Feasibility Study & Detailed Design for Dualization/Strengthening of Dhadhar–Jacobabad Section N-65 (288 Km) Approx.

Surveyor.

Jul. 2022 – Aug. 2022

COMSATS University Islamabad, Wah Cantt, Punjab, Pakistan.

- Attended a 14-day survey camp in Abbottabad.
- Learned about Plane Tabling, Leveling, Road Alignment, Contouring etc.
- Investigated and tackled problems about working on a hilly site.

SKILLS AND COMPETENCES

Personal Strengths: Excellent communication, interpersonal relationship skills, Leadership and Team Player, Organizational skills, Time and Project Management.

Software: Civil 3D, AutoCAD, Revit, Plan Swift, Primavera p6

PROJECTS

- Design a RC Frame of Residential Building ○ Design Slabs, Beams and Columns for 3 story Frame Building
- Design of a Retaining Wall ○ Structural Analysis and Reinforcement Detailing ○ Bar Bending Schedule of Gravity Wall
- Quantity Estimation of a Cricket Stadium ○ Material Take-Off (MTO) ○ Cost Estimation ○ Rough Order Estimation

CONFERENCE/WORKSHOP ATTENDED

- | | |
|--|------|
| • PlanSwift Training Workshop | 2022 |
| • Integrating Technologies in Civil Engineering. | 2023 |
| • Research and Analysis of the Effect of Substitution Filler on Performance of Asphalt Mixture | 2023 |
| • Impact of Climate change on Glacier Melting and Glacial Lake Outburst | 2023 |
| • Quantity Surveying Building Estimation PlanSwift and Excel | 2023 |

RESEARCH EXPERIENCE

Research Assistant, Department of Civil Engineering COMSATS 2023-2024
University Islamabad, Wah Cantt, Pakistan

- Conducted independent research on the Prediction of Behaviour of Recycled Aggregate Concrete Using Artificial Intelligence, focusing on utilizing AI models to analyse and predict material properties and performance under varying conditions.
- Collaborated with faculty members to explore the integration of machine learning techniques with experimental data, aiming to optimize mixture designs, improve material strength, and promote sustainable use of recycled aggregates in concrete.

VOLUNTEERING & LEADERSHIP EXPERIENCE

Team lead, Institute of Civil Engineering, CUI (ICE) Sep. 2022 – Jun. 2024

- Worked with ICE as an Event DIRECTOR HEAD and operations for 2 years.
- Led a society managing Civil Engineering related events, conferences, seminars etc.

Team lead, Civil Engineering Department Community Services Society, CUI WAH Sep. 2022 – Jun. 2024

- Volunteered to participate in community service projects, including fundraising for 2022 flood relief, providing support to orphans and underprivileged individuals within the university community.
- Coordinated with organizations to identify community needs, secure resources, and implement solutions.