

Muhammad Musa

Civil Engineer

Address: Gulshan e Ghazi, Medina Colony, Street #01 House No#1 Abbottabad, Pakistan

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Summary:

Detail-oriented and results-driven Civil Engineer with strong academic credentials and diverse field experience across 15 districts of Khyber Pakhtunkhwa. I am proficient in AutoCAD, ETABS, Revit, and Microsoft Project, with proven skills in project management, structural design, quantity takeoff, and cost estimation. Experienced in transportation engineering, reporting, documentation, QA/QC, and site execution. Strong organizational and problem-solving abilities, with effective communication and teamwork skills. Adept at managing large-scale infrastructure and rehabilitation projects, ensuring quality, safety, and timely delivery. Eager to contribute technical expertise and grow within a dynamic civil engineering environment.



Work History

Civil Engineer

(20-07 2023-Present)

UNICEF

Worked on a UNICEF-funded project involving the rehabilitation of schools in flood and earthquake-affected areas, where I prepared structural drawings, conducted soil investigations, and ensured quality through site inspections and QA/QC supervision. I managed BOQ preparation, coordinated with contractors, monitored construction progress, and maintained safety and cost control to ensure timely and high-standard project completion.



Education

MS in Civil Engineering

(Sept 2024 till date)

CECOS University of Information and Technology, Peshawar

Bachelor of Civil Engineering

(Sep 2019 to July-2023)

Department of Civil Engineering, COMSATS University Islamabad, Abbottabad



Final Year Projects

Title: Performance Enhancement of Rubberized Mortar Using Different Waste Materials



Certifications

- Pakistan Engineering Council Registered Civil Engineer.



Skills

- ETABs
- Quality Control
- Cost Estimation
- Revit
- AUTOCAD
- Plan swift
- Effective Communication
- Project Management
- Problem Solving
- Quality Assurance
- Technical Documentation



Internship

➤ MMP Dam Consultants, Kurram Tangi, Bannu

(April-May 2021)



Lab Skills

- Compressive Machine
- Compressive Strength Test
- Tensile Strength Test
- Slump Test
- Flexural Strength Test
- Sieve Analysis
- Water Absorption Test
- Rebound Hammer Test
- Soil Test



Accomplishments

Co-Author of Case Studies in Construction Materials

Title: Analyzing the potential of industrial waste powders in enhancing the flexural performance of Rubberized cement mortar



Languages

- English
- Urdu
- Pashto

References

Dr. Sohaib Nazar

Assistant Professor

Department of Civil Engineering

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Dr. Waqas Ahmad

Assistant Professor

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