

Muhammad Fahad Sheir

 **Home** : Rawalpindi, Islamabad, 46222, Pakistan

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ID: SL5198371 **Work permit:** Pakistani **Gender:** Male **Date of birth:** 01/11/2002 **Place of birth:** Pakistan

Nationality: Pakistani

ABOUT ME

Civil Engineering graduate with hands-on experience in construction supervision, material testing, and sustainable infrastructure design. Skilled in AutoCAD, Civil 3D, SAP2000, and ETABS, with practical exposure through internships and survey camps. Passionate about applying sustainable engineering solutions aligned with UN SDGs and eager to contribute to innovative infrastructure and development projects.

WORK EXPERIENCE

National Engineering Services Pakistan

City: Islamabad | **Country:** Pakistan

[01/01/2025 – 02/07/2025]

Site Engineer

- Supervised the construction of an additional block at the Pakistan Engineering Council (PEC) headquarters.
- Responsibilities include ensuring compliance with design specifications, quality control, and managing on-site activities.
- Coordinating with contractors, consultants, and stakeholders for efficient project execution.
- Managing daily site activities, labor, and material usage.
- Monitoring progress to ensure timely completion within budget constraints.

United Fiber PVT LTD

City: Rawalpindi | **Country:** Pakistan

[01/07/2023 – 01/09/2023]

Intern

- Worked on the construction of retaining wall on Sawan bridge and the construction of bridge leading to the DHA.
- learning about different stages of construction projects.
- Assisting in preparing project reports and documentation.
- Gathering information on materials, equipment, and industry trends.

EDUCATION AND TRAINING

[01/09/2020 – 15/07/2024]

Bachelors in Civil Engineering

Capital University of Science and Technology <https://cust.edu.pk/>

City: Islamabad | **Country:** Pakistan | | **Level in EQF:** EQF level 6

[01/06/2018 – 01/06/2020]

FSC Pre Engineering

Punjab Group of Colleges, Ayub Park Campus

City: Rawalpindi | **Country:** Pakistan | | **Percentage:** 77%

[01/06/2016 – 01/06/2018]

Matriculation Science

Fazaia Inter College, Nur Khan Base

City: Rawalpindi | **Country:** Pakistan | | **Percentage:** 84.09%

LANGUAGE SKILLS

Mother tongue(s): Urdu

Other language(s):

English

LISTENING C2 **READING** C2 **WRITING** C2

SPOKEN PRODUCTION C2 **SPOKEN INTERACTION** C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

SKILLS

Microsoft PowerPoint | Microsoft Excel | Microsoft Word | Microsoft office | Drawing software: AutoCAD, REVIT | Familiar with ETABS and STAAD pro | BIM Software | Primavera P6 | communication | Social Media | manage teamwork | problem-solving

PROJECTS

[01/09/2023 – 01/07/2024]

Sustainable Design of Infrastructure in Civil Engineering Project (FYP)

Sustainable Infrastructure Design in a Residential Project

Capital University of Science & Technology (CUST)

Overview:

Conducted a comprehensive case study on implementing sustainable infrastructure solutions in a residential development, focusing on road network design, sewerage systems, stormwater drainage, and rainwater harvesting. The project emphasized sustainable development principles aligned with the UN SDGs.

Key Contributions:

1. Designed sustainable road geometry and pavement profiles using cut-fill balancing techniques by CIVIL 3D.
2. Developed efficient sewerage and stormwater drainage systems based on peak flow analysis using MS Excel.
3. Applied rainwater harvesting models using the SamSam tool to estimate and optimize water reuse (63,121.4 m³/year). Utilized AutoCAD and MS Excel for infrastructure layout design and hydraulic calculations.
4. Conducted literature review and applied sustainable engineering standards to meet environmental, economic, and social goals.

VOLUNTEERING

[01/06/2021 – 01/07/2021]

Volunteer Inter Services Rawalpindi, Pakistan

Jamila Sultana Foundation – Volunteer Inter Services

- Assisted in awareness campaigns and blood donation drives for **Thalassemia patients**.
- Supported healthcare staff and engaged with patients to provide care and motivation.
- Contributed to community service initiatives, developing teamwork, empathy, and organizational skills.

HONOURS AND AWARDS

[01/09/2022]

Survey Camp Awarding institution: Capital University of Science and Technology

Survey Camp – Capital University of Science & Technology (CUST), Khanspur Ayubia.

- Completed a certified survey camp focusing on field data collection, leveling, and total station training.
- Prepared survey reports, maps, and documentation using AutoCAD and Civil 3D.

- Strengthened teamwork and leadership skills through group-based field activities.

HOBBIES AND INTERESTS

Sports & Outdoor Activities

Enjoy playing football and cricket, as well as bike riding, which promote teamwork, discipline, and physical fitness.

Photography

Passionate about photography, especially capturing landscapes and daily life, which reflects creativity and attention to detail.

Volunteering & Social Work

Actively participate in community service projects, including volunteering to support Thalassemia patients at Jamila Sultana Foundation.