


Muhammad Fawad Khan

Junior Design Engineer

Registered Civil Engineer with 10+ months of experience in structural designing firm. Mostly involved in multiple projects with the structural designing team.

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Peshawar, Pakistan 

WORK EXPERIENCE:

Junior Design Engineer

Dr. Qaiser Ali Associates

03/2022 – Present

Projects:

- Review of structural drawings of projects, i.e. government schools, madrassas, commercial plazas.
- Structural modeling of buildings in ETABS from single story to multi-stories. Completed structural modeling of **10+** projects including hostels, high rise buildings (highest being **28-story**), water tank and chimney.
- Assisted the structural design team in modeling, analysis and vetting of various projects.
- Carried out steel quantity estimate of foundation and two basements of a multi-story building.
- I have vetted analysis and design of different footings in CSI SAFE i.e. isolated, combined and raft.
- My recent project was a **case-study** comparing the analysis and design of raft in ETABS v20.0.0 with SAFE v20.0.0.

BIM Modeler

C&W Department KPK

08/2021 – 01/2022

Projects:

- Architectural model of govt. primary school in KPK. using Autodesk Revit.
- Structural model of same project and quantity take-off.

EDUCATION:

M.Sc. Structural Engineering

UET Peshawar

04/2022 – Present

B.Sc. Civil Engineering

UET Peshawar

06/2022 – Graduated

Grade: A

HSSC. Pre-Engineering

Islamia College Peshawar

06/2013 – 06/2016

Grade: A

SSC. Science Group

AUPS&C

06/2011 – 06/2013

Grade: A1

TECHNICAL SKILLS

- CSI ETABS, CSI SAFE, CSI SAP 2000.
- AutoCAD.
- Microsoft Word, Microsoft Excel.
- P6 Primavera, MATLAB, REVIT.

SOFT SKILLS

- Leadership.
- Teamwork.
- Problem Solving.
- Self-learning.
- Empathy.

CERTIFICATIONS (2018-2022)

- 20+ online certifications, workshops, virtual internships, webinars, courses (**COURSERA**).
- **ACI** certifications in concrete fundamentals.
- All certifications can be checked using the drive link provided below.
<https://drive.google.com/drive/folders/15JGvw42arV-vmgW9luxzUXBzSI1MHC8?usp=sharing>

VOLUNTEERING EXPERIENCE

- Stage management head, ICE student chapter UET Peshawar, **2017-2018**.
- Sponsorship head, ICE student chapter UET Peshawar, **2018-2019**.
- Blood donation camp at university.

LANGUAGES

- English (B2), Urdu, Pashto.

INTEREST AND HOBBIES

- Sustainability
- Renewable Energy
- Video Games
- Cricket
- Chess