MUHAMMAD UMAIR SHAIKH
CIVIL ENGINEER

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in https://www.linkedin.com/in/mus405/

SUMMARY

Civil Engineer with experience in **Estimating**, **Site Supervision**, and **Revit Modeling**. Skilled in streamlining project systems, cost estimation, and quality assurance for diverse construction projects, including residential and refurbishment works.

ACHIEVEMENTS

- **5th Position**
Sustainable Design of Large Span Building Competition 2022

- **Team Manager**
International seminar unveiling groundbreaking advancements in global Civil Engineering, Construction 4.0 2023

- **Participant**
Innovative T-Beam Casting with GFRP Technology Competition 2019

SOFTWARE SKILLS

- **CostX**
- **Buildxact**
- **Primavera P6**
- **MS Project**
- **Revit**
- **AutoCAD**
- **Twinmotion**
- **Navisworks**

Certifications

- **Revit Architecture | 3D Educators**
- **AutoCAD | Aptech**
- **Primavera P6 | Y-PEG**
- **BIM: from sketch to digital twin | Coursera**
- **Construction Project Management | Coursera**
- **BIM Application for Engineers | Coursera**

EDUCATION

- **Master of Construction Management**   *2023-2024*
University of Adelaide
CGPA: 5.80/7.00

- **Bachelor of Civil Engineering**   *2018-2022*
NED University of Engineering & Technology, Pakistan
CGPA: 3.59/4.00

PROFESSIONAL EXPERIENCE

- **Intern | iBuild Building Solutions, Australia**   *01/2024 - 02/2024*
- Estimated material supply costs using Buildxact.
- Modelled residential floorplans using Revit.
- Reviewed company's project finances and quality.
- Assessed and updated building cost calculator.

- **Junior Site Engineer | Zafar Uddin Siddiqui Construction Company, Pakistan**   *09/2022 - 02/2023*
  - Supervised excavation of different foundation types.
  - Ensured structural elements' alignment with drawings.
  - Coordinated daily with subcontractors to plan schedule.
  - Managed contract documentation and ensured compliance.

University of Adelaide Projects

- **BOQ Preparation Using CostX**
  - Collaborating in a group to prepare a detailed Bill of Quantities (BOQ) for preliminaries, concrete, formwork, reinforcement, and internal finishes of a dwelling.
  - Utilizing CostX software for take-off lists, measurement sheets, query sheets, and BOQ compilation per ANZSMM.

- **BIM Model Modifications**
- Designing elements in different families and modifying them with specific properties.
- Evaluating and optimizing the energy performance of building spaces before construction.

References

- **Elizabeth Greenwood** (Design and Program Lead at iBuild Building Solutions). Contact: **elizabeth@team.i-build.com.au**

- **Dr. Mukesh Kumar** (Associate at WSP).
Contact: **mukesh.kumar5@wsp.com**

- **Ahmed Hassan** (Security Guard at SRS).
Contact: **ahmedhassan0397@gmail.com**