



# FAIZA SYED

CIVIL ENGINEER

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## About me:

Passionate and enthusiastic about my career, a quality demonstrated in the successful completion of various projects for clients across diverse sectors. I strive to deliver the highest quality of work under any circumstances.

## EDUCATION

2015 – 2017 – JHELUM, PK

**MATRICULATION** – THE KNOWLEDGE SCHOOL

1023/1100 – 93%

2017 – 2019 – JHELUM, PK

**INTERMEDIATE** – PUNJAB GROUP OF COLLEGES

946/1100 – 87%

2019 – 2023 – TAXILA, PK

**BSc. Hons. CIVIL ENGINEERING** – UET TAXILA

3.81/4.00 – 95%– BRONZE MEDALIST

## WORK EXPERIENCE

JUL 2021–AUG 2021 – RWP, PK

**CIVIL ENGINEER INTERN** – NATIONAL HIGHWAY AUTHORITY, PAKISTAN

- Completed a one-month internship under the supervision of an Executive Engineer.
- Studied bridge design principles, focusing on relevant codes and standards used in Pakistan, including the Pakistan Bridge Code (PBC) and AASHTO LRFD Bridge Design Specifications.
- Conducted in-depth analysis of highway design, including both flexible and rigid pavement systems.
- Engaged in office-based documentation and theoretical studies without direct site inspection.

JUL 2022–AUG 2022– ISB, PK

**CIVIL ENGINEER INTERN** – PAKISTAN WORKS DEPARTMENT

- Assigned to the Islamabad High Court (IHC) project site in G/5.
- Studied the Bill of Quantities (BOQ) and detailed drawings of the IHC project.
- Conducted in-depth analysis of structural and architectural drawings, as well as project cost estimates.
- Studied previous roof design failures and justified the already designed roof based on best practices.
- Analyzed the Heating, Ventilation, and Air Conditioning (HVAC) system of the building thoroughly.

OCT 2023–DEC 2023– LHR, PK

**STRUCTURAL DESIGN ENGINEER** – CITYTECH ENGINEERING LLC

- First job after graduation at a UAE-based firm specializing in steel sheds projects.
- Employed as a Structural Design Engineer focusing on steel shed designs using Pre-Engineered Building (PEB) methods and occasionally hot-rolled designs.
- Applied Load and Resistance Factor Design (LRFD) and Allowable Stress Design (ASD) methods in structural analysis.
- Utilized MAMUT Design Manual for guidance in design processes.
- Designed structural components such as columns, beams, purlins, rafters, base plates, and connection plates.
- Conducted structural drafting of steel sheds using AutoCAD, ensuring precision and adherence to design standards.
- Used STAAD. Pro for structural design and Excel for steel take-offs, computing steel quantities in tons.
- Gained practical design knowledge by completing 14 design projects and over 100 estimates within the 3-month period.

JAN 2024–FEB 2024– JLM, PK

#### **LECTURER – THE KNOWLEDGE SCHOOL (UMT PROJECT)**

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- Worked as a Lecturer, delivering Mathematics and Physics lectures to matriculation students.
- Engaged in a short-term, contract-based role that significantly enriched my knowledge and career exposure.
- Enhanced communication skills and developed confidence, enabling me to stand firm in any situation.

FEB 2024–PRESENT– ISB, PK

#### **ASSET INTEGRITY ENGINEER – SOFTOO**

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- Responsible for comprehensive analysis and maintenance of marine plants and onshore/offshore oil and gas infrastructure.
  - Conducts data analysis, fault identification, and condition assessments.
  - Creates 3D models and performs metrology analysis.
  - Conducts quality assurance and prepares engineering reports.
  - Applies knowledge of mechanical behavior and fracture mechanics.
  - Conducts structural design and inspections according to API standards.
  - Implements coating standards and conducts environmental simulations.
  - Uses AutoCAD, Navisworks, and point cloud data for completing the tasks.
  - Collaborates with remote teams.
  - Prepares engineering reports and communicates data.
  - Draws data-driven engineering conclusions.
  - Utilized P&IDs to identify critical equipment, systems, and processes, facilitating risk assessment and prioritization of maintenance and inspection activities.
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### **ACHIEVEMENTS**

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2023 – UET TAXILA, PK

#### **BRONZE MEDALIST – BSc. Hons. CIVIL ENGINEERING**

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2023 – UET TAXILA, PK

#### **SEMESTER DISTINCTION – MERIT SCHOLARSHIP**

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2019 – PUNJAB GROUP OF COLLEGES, PK

#### **BRAIN OF JHELUM – SCHOLARSHIP**

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2019 – PUNJAB GOVERNMENT, PK

**PEEF SCHOLARSHIP – MERIT SCHOLARSHIP ON BEHALF OF MATRICULATION DISTINCTION**

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2018 – PUNJAB GOVERNMENT, PK

**CM LAPTOP AWARD – MERIT AWARD ON BEHALF OF MATRICULATION DISTINCTION**

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2017 – PUNJAB GOVERNMENT, PK

**PEEF SCHOLARSHIP – MERIT SCHOLARSHIP ON BEHALF OF SECONDARY DISTINCTION**

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## ● PROJECTS

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2022 – UET TAXILA, PK

**DOUBLE STOREY HOUSE DESIGN – DESIGNING THE 10, 7, AND 5 MARLA HOUSES USING AUTOCAD AND ESTIMATING THEIR COSTS USING EXCEL SHEETS.**

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2022 – UET TAXILA, PK

**TRANSPORTATION ENGINEERING PROJECT – DESIGNING THE ALTERNATE ROUTE FOR HIGHWAY USING CIVIL 3D AND DESIGNING THE MOST SUITABLE & ECONOMIC PAVEMENT FOR THAT HIGHWAY.**

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2023 – UET TAXILA, PK

**FINAL YEAR DESIGN PROJECT – EFFECT ON STRENGTH AND WORKABILITY OF SCC USING SCM's.**

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## ● COURSES & CERTIFICATIONS

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2020 – DIGISKILLS

**FREELANCING – SUCCESSFULLY PASSED**

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2020 – DIGISKILLS

**CONTENT WRITING – SUCCESSFULLY PASSED**

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2020 – DIGISKILLS

**AUTOCAD – SUCCESSFULLY PASSED**

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2020 – DIGISKILLS

**GRAPHIC DESIGNING – SUCCESSFULLY PASSED**

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2023 – UET, TAXILA

**SURVEYING – 15 DAYS CAMP AT KHANSPUR AND ACHIEVED A GRADE WITH 100% EFFICIENCY.**

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## ● LANGUAGE SKILLS

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Mother Tongue: **URDU**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ENGLISH</b>	C2	C2	C2	C2	C2

## ● DIGITAL SKILLS

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Microsoft Office | WordPress | Photoshop | Google Drive | Outlook | Digital Marketing

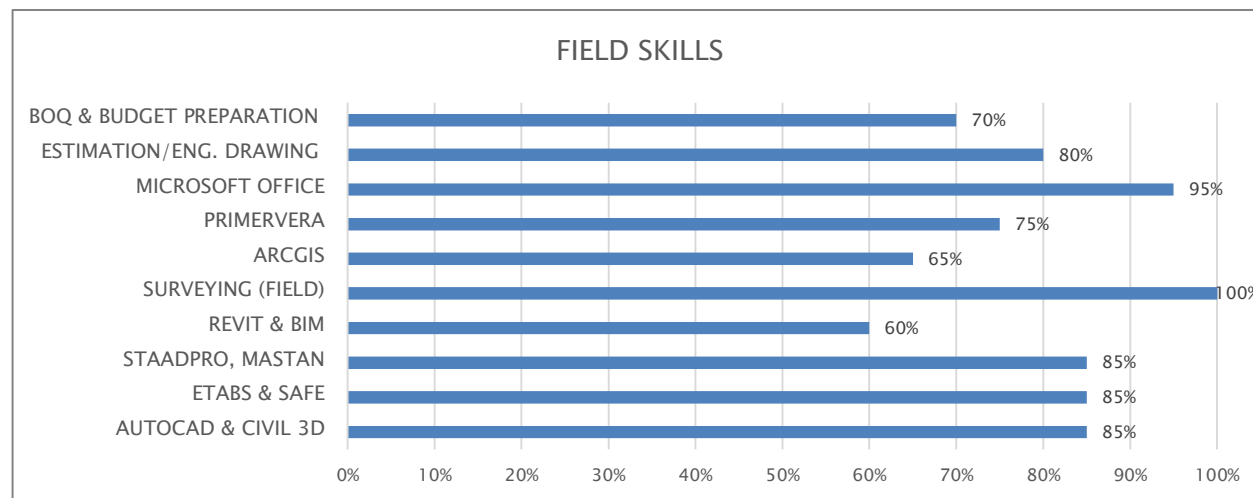
## ● PERSONAL SKILLS

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Leadership | Decision-Making | Innovation | Communication | Organisation | Teamwork | Punctuality

## ● TECHNICAL SKILLS

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## ● HOBBIES AND INTERESTS

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Writing | Reading | Travelling | Netflix | Adventures

## ● STRENGTHS

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- **Strong problem-solving skills:** Ability to analyze complex issues, identify root causes, and implement effective solutions.
- **Excellent communication and interpersonal skills:** Proven ability to build strong relationships, collaborate effectively with teams, and communicate clearly and persuasively.

## ● MEDICAL FITNESS

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Medically fit and physically no disability and weakness.