

RANA MUHAMMAD FAIZAN ALI

+92-307-6475101 • ranafaizanali101@gmail.com

• linkedin.com/in/engr-muhammad-faizan-ali-b72a62273

Education

UNIVERSITY OF ENGINEERING & TECHNOLOGY (3.54) <i>Bachelor's in Civil Engineering</i>	Lahore, Pakistan Oct 2019 - Nov 2023
SUPERIOR COLLEGE FOR BOYS ARIFWALA (93%) <i>Fsc. Pre- Engineering</i>	Arifwala, Pakistan Jul 2017 - Oct 2019

Professional Experience

Engro Polymer & Chemicals Limited July 2023 -Present

Engro Polymer and Chemicals Limited forges a path of innovation, seamlessly merging cutting-edge solutions with a steadfast commitment to sustainability, redefining the landscape of the polymer and chemical industry.

Graduate Trainee Engineer

- **Project Management:** Demonstrate the management skills to execute construction projects, ensuring projects run smoothly from start to finish. Do estimation, monitoring, scheduling & planning to make sure everything is on track and delivered as promised.
- **Planning Engineer:** Develop & schedule the detailed timeline for the ongoing Million Dollar project, "Salt Yard Relocation" at EPCL site. Led the strategic planning and execution of the project, ensuring timely completion within budget while minimizing operational disruptions.
- **Maintenance Engineer:** As a GTE in **Asset Integrity Department**, I ensure the maintenance of plant's infrastructure and utilize different retrofitting techniques for its reliability and integrity.
- **Civil Integrity Program:** Conduct risk-based audits (RBA) for different civil structures & foundations, to check structural reliability and save asset's integrity.
- **HSE Engineer:** Completed the Process Safety Management **PSM** and Permit to Work **PTW** certifications at EPCL. Implementing rigorous protocols and fostering a culture of vigilance to ensure the well-being of our team and the Safety of our operations.
- **Safety Auditor:** Perform Job safety analysis (JSA) for **V-1020** Rehabilitation project, done Management safety audits (MSA) at Plant site, conduct **Sub-HSE civil** for Effluent Treatment and Salt Yard Relocation projects.
- **Key Achievements:** As a project lead, completed the project of **Effluent Management Buffer Pit** which involves the construction of a neutralization pit and Pump Foundation ensuring **E2G** practices. Also carry out the rehabilitation project for **73 Machine Foundations** which were a reliability concern for machinery and assets' integrity, involving RCFA & different rehabilitation approach.

Habib Rafiq (pvt.) Limited

July 2022 -August 2022

Leading construction company, providing innovative and sustainable solutions for infrastructure development.

Intern-Engineer

- **Management:** Executed the civil engineering knowledge at our project site of construction of Sky Gardens and increase the quality of work.
- **Design:** Solved different design problems and economize the RC structures about 20%

Academic Experience

OPTIMIZED BASED ECONOMICAL DESIGN OF RC MEMBERS

Sep 2022 - May 2023

Designed, optimized and economized the RC members, Doubly & T-Beams.

Researcher

- **Optimization:** Devised an excel based program that design the RC structures with optimized parameters without compromising on the strength and able to save the cost up to 20%

WATER DISTRIBUTION SYSTEM OF BAHRIA TOWN

Designer

- **Design:** Analyze and design the optimized and economized water distribution system for Bahria Town phase 6.

Extracurricular & Professional Development

Engro Polymer & Chemicals Limited

- *Event Organizer:* Orchestrate events with precision, creating memorable experiences that foster teamwork and celebrate success, at the workplace including Funday 2023, CEOs Farewell at plant site, Gaming competition and much more.

KARE KAMAL SOCIETY

Oct 2022 - Present

- *General Member:* Volunteered for the fund-raising campaign and provided 4 families with Rashon every month

AMAL ACADEMY

Mar 2023- Present

Education startup funded by Stanford University that develops professional and inter-personal skills in students.

Career-Prep Fellow

- *Teamwork:* Coordinated and directed with the 8 fellows' team for the Mega Project of Eggcellent Feed, from manufacturing to marketing and ensuring a seamless buying experience for our customers.
- *Communication:* Developed and improved communication and interpersonal skills through this fellowship.

Honors and Awards

AWARDS AND CERTIFICATIONS

- **Process Safety Management:** Securing the Process Safety Management certification by EPCL based on **OSHA** standard underscores our unwavering commitment to operational excellence and the highest standards of safety in every facet of our processes. 2023
- Received merit-based Laptop Award from Chief Minister Punjab 2017
- Got overall **2nd Position** at District level in Intermediate 2019

Additional

- *Safety Certifications:* Process Safety Management (PSM), Permit To Work (PTW)
- *Softwares:* Primavera P6, AutoCAD, ETABS, Microsoft Office, EPANET, Plan Swift, SAP PS
- *Udemy Certifications:* Staad Pro, MS Project, Structural Analysis, Construction Management
- *Interests:* Project Management, Book reading about History, Playing Cricket
- *Language:* English, Urdu, Punjabi