

AQSA NOOR

CHEMICAL ENGINEER

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Hyderabad, Pakistan

TECHNICAL SKILLS:

- MS Excel - *Intermediate*
- MS Word - *Proficient*
- Aspen Hysys - *Intermediate*
- Aspen Plus - *Intermediate*
- Power BI - *Beginner*
- HTML - *Intermediate*
- CSS - *Intermediate*
- Javascript - *Beginner*

QUALITIES:

- Analytical & Problem-Solving Abilities
- Effective Communication & Collaboration
- Project Management & Execution
- Continuous Learning & Growth Mindset

LANGUAGES:

- Urdu (Native) ★★★★★
- English (Proficient) ★★★★★

HOBBIES

- Reading
- Learning new languages

VOLUNTEERING:

- AIChE NEDUET Chapter- Team Member
- Falah-e-Bashar Welfare Society- Team Member

CAREER OBJECTIVE:

My career objective is to leverage my solid engineering fundamentals as a recent graduate, aiming for unique technical career paths. With strong adaptability and quick learning capabilities, continuously strive for improvement. Actively seek challenges, embracing opportunities beyond my comfort zone.

EDUCATION:

NED University of Engineering and Technology

BE, Chemical Engineering

Karachi, Pakistan

Oct 2019 – Aug 2023

Sir Adamjee Institute

Intermediate (FSc), Pre-Engineering

Aug 2017 – July 2019

EXPERIENCE:

Ingredion

Hyderabad, Pakistan

Jr. Production Engineer

Feb 2024 - Present

- Manage shift production and dispatches in SAP system, ensuring fulfillment of manpower requirements and meeting production targets.
- Monitor product quality and quantity, control product losses, and coordinate with Shift Chemist to address non-conformances.
- Ensure adherence to safety protocols, maintenance of equipment, and continuous improvement initiatives.

INTERNSHIPS:

Hiranis Pharmaceuticals (Pvt.) Limited

Karachi, Pakistan

Process Intern

April 2022

- Analyzed the manufacturing of different pharmaceutical drugs
- Collaborated with different technical and non-technical staff for overseeing multiple processes.

Midas Safety

Karachi, Pakistan

Project Intern

Aug 2022 – Oct 2022

- Completed the assigned project within the 6 weeks of internship.
- Analyzed the whole production process and found out 3 areas of losses.
- Employed technical knowledge and computed the production loss as around 40% collectively for different types of gloves.

RESEARCH PROJECT:

Solar assisted district cooling system with cascaded VCAR

- Simulated the cooling cycle with two different refrigeration pairs.
- Proposed the system with higher efficiency, which is around 28% more efficient.

TRAINING AND CERTIFICATION:

Governor Sindh IT Initiative

Feb 2024 – Present

- Got selected in a one-year long *AI, Metaverse and Web 3.0 Development* course among 450,000+ applicants.

DigiSkills

Nov 2023 – Feb 2024

- Completed a 12 weeks comprehensive *Data Analytics* course offered by Digiskill Platform.

BANO QABIL 2.0

Dec 2023 – Feb 2024

- Got selected in a 3 months *Website Development* course among 100,000 applicants through competitive test and interview.
- Spent 70 hours in developing key skills for front end website building using HTML, CSS and Javascript.

AMAL Academy

Nov 2022 – Feb 2023

- Earned Stanford University-funded Fellowship among 6000+ applicants through competitive application and interviews.
- Invested 150 hours in cultivating essential business skills (communication, leadership, problem-solving, teamwork) for enhanced professional efficacy.

Unilever Engineering Possibilities

- Engaged in a specialized program catering to female engineers, investing 4 months to bolster technical expertise and acquire hands-on engineering experiences.