



Muhammad Umer

Chemical Engineer

I am a Chemical Engineer aiming to work in a growth-oriented organization where I can use my analytical and technical skills to improve my practical skills, to manage the challenges, to implement revolutionary solutions and ultimately to add value in the overall growth of the company as well.

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📍 Green Cap, Lahore, Pakistan

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WORK EXPERIENCE

Proposal Engineer Aqua Regia Pvt. Ltd.

06/2018 – Present

Lahore, Pakistan

Responsibilities

- Review of Tenders/ Inquiry documents.
- Design of Water Treatment Systems according to client's specifications.
- Preparation of P&IDs and Layouts of Projects
- Use Software such as DOW WAVE and IMS Design to design UF, RO, DI, and Softeners.
- Water Treatment Systems design include RO, UF, Softeners, DI systems, EDI, Sand Filters, Carbon Filters, Arsenic Removal Filters, UV, Ozonators etc.
- Make technical proposals as per client's specifications.
- Do cost estimation to make Commercial section of Proposals.
- Coordinate with different departments like purchase, sales, accounts.

Trainee Chemical Engineer

Water Engineering and Management Services (WEMS) Pvt. Ltd.

04/2017 – 12/2017

Lahore, Pakistan

WEMS is an organization dedicated to indigenous development and promotion of latest water treatment techniques based on the ion exchange and membranes technology amongst the community and industries

Responsibilities

- Sharing Quotations with clients such as ICI, Engro, PPL etc.
- Reviewing customer drawings, plans, and other documents in order to prepare a detailed technical proposal for them.
- Conveying solution benefits to both business and technical audiences.
- Preparing reports for senior managers.

B.SC. CHEMICAL ENGINEERING

B.Sc. Chemical Engineering

University of Gujrat (UoG), Gujrat, Pakistan

10/2012 – 10/2016

Fsc (Pre-Engineering)

Government College Township, Lahore

2010 – 2012

Lahore

SKILLS

Problem Solving

Team Work

Emotional Intelligence

Time Management

ENGINEERING PROJECTS

Plant Design, Final Year Project (03/2016 – 09/2016)

- Conversion 3000 TPD of Sugar Cane Bagasse to Fermentable Sugars using Concentrated Acid Hydrolysis.
- 'Sugarcane bagasse was contacted with concentrated HCl at low temperature in a batch reactor. C6 and C5 sugars were extracted as the result of that process'

ACHIEVEMENTS

Presented my company at Pak Pharma & Health Care Expo 2017 (05/2017 – 05/2017)

For awareness and technologies related to water treatment for Pharma Industries at Expo Center, Lahore,

LANGUAGES

English

Professional Working Proficiency

Urdu

Native or Bilingual Proficiency

INTERESTS

Reading

TED Talks

Movies

Outing