

Muhammad Ali Saleem



BS Mechanical Engineering

About

A dedicated, hardworking and proactive Mechanical Engineer with good observational skills and practical technical acumen, supported by practical university projects, Internships and personal hands on experience.

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Technical skills:

AutoCAD 2D

Ansys

Solid works 3D

MS word

MS Excel

Language:

English Fluent

Urdu Fluent

➤ Education

BS Mechanical Engineering

(12 /OCT/17 -11/NOV/21)

University of management and technology (Lahore -Pakistan)

FSC (Pre-Engineering)

(2015 to 2017)

Punjab Group of Colleges (Gujranwala-Pakistan)

- 1st Division

Matriculation

(2012 to 2014)

Jadeed Dastgir Ideal High School (Gujranwala-Pakistan)

- 1st Division

➤ Study Project

❑ Final Year Project

“Design and development of 3d printed Mimicking Robotic drill arm”

- Robotic drill arm based on five degrees of freedom controlled with Glove having four flex sensors attached with fingers of glove that controls the motion of drill arm by giving signals and one gyroscope attached on wrist that makes rotatory motion.
- Servo motors are attached with drilling arm on each joint that helps to provide movement in each joint according to signals that are provided by sensors from transmitter side (Glove).
- 3D Model consist of five parts that are designed using solid works and analysis done using Ansys
- Designed for bio medical purpose and also for industrial use

Work Experience:



Reem Group

(20/6/23 to current)

(Power factor Technical Contraction LLC), UAE

Application Engineer

Sharjah, UAE

- Selected optimal pumps for the specific application from manufacturer's selection software or website keeping customer specifications and sales department requests
- Calculated head and flow required for the pump from the given drawing
- Estimated the cost of pump sets, control panels and related equipment's after reviewing specifications.
- Prepared quotations and sent to the customers
- Prepared Technical Submittals to submit to the consultants, clients and contractors to take approval.
- Prepared Reply to consultant's comments, compliance statement, pre-qualifications etc.
- Took approvals from government organizations, municipalities etc.
- Processed & arranged delivery for the received Purchase Orders.
- Had Technical discussions with clients, consultants and any other concerned third party; and Commercial discussions with the customers.
- Co-ordinated with manufacturers/ suppliers, ware house team and service team to arrange delivery, services and commissioning on time.
- Prepared warranty certificates, O&M manuals etc.

Note:

Reem Al Falaj Trading Co. LLC is one of the premium companies of MEP solutions in the Middle East that focused on marketing the latest state-of-the-art equipment packages in water & waste water pumping systems, pressure vessels, solar systems, water tanks and technical contracting.



Alam Roller Flour Mills

(19/12/21-12/5/23)

Assistant Quality Manager

Gujranwala, Pakistan

- Performed quality check on packaging lines, check lot codes, labels, weight, etc., and take corrective actions when necessary.
- Identify and communicate major quality problems in production and warehouse facilities
- Educate and instruct plant personnel on general housekeeping and equipment sanitation, and confirm these procedures are being followed.
- Maintaining paperwork for hold products and sanitation records
- Provided Assist in grain inspection to ensure they are according to specifications and guidelines.
- Carried out all other tasks related to quality control and food safety

Note:

Alam Roller Flour Mills today is an automated and efficient industry, having evolved a long-way from the days of water-driven and wind-driven mills. Modern mills function as continuous-flow operations throughout the year.



Nandipur power plant

(06/07/19 -24/08/19)

Internship (Thermal Energy Side)

Gujranwala, Pakistan

It's basically a combined cycle power plant which uses three gas turbines and each GT is producing 127.5MW and overall plant is producing 425- 525MW per month. RLNG used as a fuel n this plant. During this internship I have Learn:

- Analysis of operations in generation side, and control room
- Operations of gas turbine department
- Analysis of Operations of Auxiliary boiler

➤ Extracurricular Activities & Certificates

- AutoCAD Course Digi skills **(1/02/22-15-05/22)**
- Youth training camp Lincoln Corner **(26/07/20-30/08/20)**
- Intermediate Studies Merit base Scholarship