

# UZAIR JAMIL

BS MECHANICAL ENGINEERING

Email: [uzairjamil00@gmail.com](mailto:uzairjamil00@gmail.com)

PEC #: MECH/30947

Contact # 00923129253081

Skype ID: uzair.jamil93

Present address: Islamabad, Pakistan



## OBJECTIVE/ PROFILE

With the keen interest, Energy and passion in me on the basis of my knowledge in Mechanical Engineering I offer my services to your organization. I have great tendency to work, to use my knowledge in practical world to solve the real problems.

## EDUCATIONAL QUALIFICATIONS

**MS Project Management:** ..... (Jan 2018 to Till now)  
Capital University of Science and Technology, (CUST) Islamabad Campus

Management of Project Based Organization	Financial Management
Project Monitoring and Evaluation	Project Leadership
Research Method for Project Managers	Project Process Planning and Control

**Mechanical Engineering:** ..... (Mar 2011 to Jul 2015)  
Mohammad Ali Jinnah University, (MAJU) Islamabad Campus

Engineering Economics	Total Quality Management
Manufacturing Process	Instrumentation and Measurement
HVAC&R	Heat and Mass transfer , Thermodynamics
Mechanical vibration	Engineering Psychology
Computational fluid dynamics	IC Engine

**FSc Pre- Engineering:** ..... (Jan 2009 to Jan 2011)  
Degree College Rawalakot, Azad Jammu & Kashmir

**Matriculation- Science**..... (Jan 2007 to Jan 2009)  
Army Public School & College Rawalakot, Azad Jammu & Kashmir

## WORK EXPERIENCE

**Paragon Constructors (Pvt) Ltd, Islamabad:**..... (02 Years)

**MEP Department:** I worked as Mechanical engineer in MEP department in **Telenor head office (Margalla Building)** in Islamabad, working with the organization my responsibilities include

- Maintain and management of plumbing and the mechanical work
- Installation and supervision of fire fighting pipes
- Supervision and management of NOVEC system for fire suppression
- Water supply pipes

- Drain pipes including condensate drain, water drain
- External storm water pipes
- Sewage system pipes installation
- Irrigation system include sprinkler and sewage treatment plant installation
- HVAC System including ducts , Air cool chillers, FCU
- Installation of fire pump and management of plant room
- Installation of duct including pre-insulated, GI ducts

**Pakistan Engineering council, Islamabad:..... (03 Months)**

**Professional Engineering Department:** I was working as trainee engineer, working with The organization I had learned

- To work in a team and developed a great professional mind
- Working as a coordinator between the PEC and the other related organizations
- To work on Office related module and be a part of organization hierarchy
- To finish the given work in before the dead line

**Sabro Technologies (Pakistan): ..... (1 month)**

**Design Department:** I worked on the practical designs of HVAC&R (Heating Ventilation Air-conditioning & Refrigeration) Equipment and also got my hands aced on the 'Solid Works' Design Software.

**Fabrication Department:** The studied designs were implemented and this got me practically attuned to the real time environmental challenges to the designs, once they are tested in reality.

**Pakistan Intl Airline Hangar, Karachi Airport..... (1 month)**

**MRO (Maintenance, Repair & Overhauling) Department:** I acclimated myself to the maintenance of Aircraft Engine and Airframe and got knowledge about the Aircraft Checks and Inspections. Also, I saw practically how an aircraft's engine is overhauled and airworthiness of an aircraft is maintained.

## **DESIGN PROJECTS**

**Final Year Project:** Design & Fabrication of Micro Lathe Turning System

Got introduced to the concept of Miniaturization and performed the design calculations and worked on the design of Micro Lathe using CREO Software and fabricated the design.

**Term Projects**

1. Design and calculation of HVACR system for a building
  - a. Performed cooling load calculations and selected the suitable equipment.
2. Visited different process industries with an improvement mindset and gave solutions to the company to improve the processes within the company
  - a. This also fulfilled the Manufacturing Process course requirement.
3. Design of Geneva mechanisms on CREO software
  - a. A drawing project to develop working models for software understanding.

4. Comparison on Quality, cost and future analysis of Pakistan cement industry with Indian and Chinese cement industry.
  - a. Performed comparison and ran a detailed quality analysis leading to the submission of the official report.
5. Design of Tank
  - a. The drawing was accomplished using Auto CAD.

## **TECHNICAL SKILLS SET**

---

<b>Auto CAD</b> 2D, 3D Modelling & Designing	FourBar Mechanism & Crank- Slider Mechanisms	Personal Computer Simulation Program (PSPICE)
<b>CREO</b> Parametric	LAB VIEW	Microsoft Word
C++ Programming Language	Matrix Laboratory (MATLAB)	Engineering Equation Solver ( <b>EES</b> )
<b>ANSYS</b>	Microsoft Excel	Microsoft PowerPoint

## **ENGINEERING MEMBERSHIPS & ACHIEVEMENTS**

---

- Organized a CREO Session for 'Science Society', MAJU, Islamabad
- Member of American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE).
- Member of American Society of Mechanical Engineers (ASME).
- Participated in 'CAD Competition' organized under ASME, MAJU Chapter.
- Acted as a Coordinator at 'Society of Energy & Environment' & 'Career Counseling Society', MAJU.
- Participated in 'Energy Crises & its Solutions' competition participant organized by Society of Energy & Environment (SEE), MAJU.
- Industrial visit to 'AMSON Vaccines & Pharma (Pvt) Limited', 'Heavy Mechanical Complex' & 'Heavy Industries Taxila'.

## **REFERENCES**

---

1. ENGR. Jamshaid Iqbal, [jamshaid@paragon.com.pk](mailto:jamshaid@paragon.com.pk), 00923346-8213370  
MEP head at Paragon Constructors (Pvt) Ltd.
2. Ahsan Zahid, [ahsan.zahid@caa.gov.qa](mailto:ahsan.zahid@caa.gov.qa), +974 44557199, Aviation Data Analyst at Qatar civil aviation authority.
3. ENGR. SAIFULLAH, [saifullah@cust.edu.pk](mailto:saifullah@cust.edu.pk), 00923016514917, Instructor at Capital University of Science and Technology, Islamabad.
4. Rehan zahid, [hseofficer123@gmail.com](mailto:hseofficer123@gmail.com), 0097555534031, HSE OFFICER AL BARAKAH GROUP.