

Muhammad Arslan / Mechanical Engineer

Rizwan street, Muzaffar Ali Road, Ghat stop, Sharaqur sharif, Sheikhpura, Punjab, Pakistan
+92-303-4405348 / m.arslanjilani@gmail.com / linkedin.com/in/muhammad-arslan-20805353

CAREER OBJECTIVE

Proactive, confident, conscientious person, capable of working as a motivational team member or independently adopting a practical approach using own initiative. Passionate to work in challenging environment, able to withstand workload and ultimately play a vital role to achieve organization's goal.

ACADEMICS

- ✓ **B.Sc (Hons) Mechanical Engineering** (CGPA 3.1) (2014-2018)
University of Engineering and Technology, Lahore.
 - **Major Subjects:** HVAC, IC-Engines, Power Plant, Fluid Mechanics, Industrial Management
- ✓ **F.Sc Pre-Engineering** (Marks obtained: 86 %) (2012-2014)
Punjab College of Science, Lahore.

PROJECTS

- ✓ **Improvement in efficiency of microchannels by utilizing impinging jets, protrusions and innovative fluids.** (Final Year Project)
Did software based (Ansys Fluent) analysis on four different designs of microchannels including microchannel with no dimple, convex dimples, concave dimples and mixed dimples with impinging jets by passing water and mPCM to increase heat transfer efficiency.
- ✓ **HVAC project** (Course Project)
Calculated cooling and heating load of CNC lab using HAP software.
- ✓ **Deform 2D/3D** (Semester Project)
Performed simulation of drilling process and analyzed different parameters.
- ✓ **Differential system** (Semester Project)
Manufactured differential system used in cars.
- ✓ **Smart & safe house** (Semester Project)
Used various sensors and security alarms in a house.
- ✓ **C++ project** (Course project)
- ✓ **12 Volt DC power supply** (Course Project)
- ✓ **Water jet project** (Semester Project)

EXPERIENCE/INTERNSHIPS

- ✓ **Sui Northern Gas Pipelines Limited (SNGPL)** 6 weeks (Year- 2017)
Visited pipe coating plant and various camps, had an exposure of processes, machinery used at project sites. Also had an exposure on Auto-CAD in planning and development department.

KEY SKILLS PROFILE

- ✓ **IT Skills**
 1. Pro Engineer (Creo-Parametric)
 2. AutoCAD
 3. MS Office
 4. MAT lab
 5. ANSYS
 6. Hourly Analysis program (HAP)
 7. DEFORM 3D
 8. Primavera
 9. Microsoft VISIO
 10. Origin lab
 11. Tec plot
- ✓ **Presentation Skills**
Designed, prepared and delivered numerous presentations.

✓ **Leadership and team Skills**

- Group leader of B.Sc final year project.
- Chief organizer of “County Crown” events.
- Director of managements in “TEDx”.

ACHIEVEMENTS

- ✓ Selected Prefect of my school for 1 year “10th Grade”.
- ✓ Merit Based Free Inter-education in Punjab College of Science.
- ✓ Best final year project-poster award in mechanical department.
- ✓ Table tennis champion in Sports week 2018.

REFERENCES

Will be provided on demand

OTHER USEFUL INFORMATIONS

- ✓ **“Registered Engineer”** from Pakistan Education Commission (PEC)
- ✓ Languages: English, Urdu.
- ✓ Interest: Sports and Events Participation.