



Contact me!

Muhammad Arsalan Anwar

(MECHANICAL ENGINEER)

About Me

I am a Mechanical Engineer with 4 years of professional experience in 2D design, 3D modeling, CAD, and the simulation of structural and fluid flow mechanisms. I possess a strong passion for delivering innovative and impactful solutions that align with client goals and requirements in dynamic engineering environments.

Experience

- ✓ Creation of 2D drawings and 3D modeling of mechanical components for production and manufacturing, utilizing AutoCAD and SOLIDWORKS software.
- ✓ Conducting structural, fatigue and Finite Element Analysis (FEA) of various components and structures to assess their strength under specified conditions, using ANSYS software.
- ✓ Perform modal analysis using ANSYS to determine the natural frequencies and mode shapes of components and structures.
- ✓ Analyze heat flow behavior through various structures using ANSYS software.
- ✓ Perform CFD analyses of various structures, including cylinders, airfoils, nozzles, heat exchangers, vehicles, rockets, and underwater platforms, using ANSYS Fluent software to evaluate the lift, drag, moments, pressure and velocity distribution patterns.

Education

- ✓ **University of Engineering & Technology, Taxila**
MS Mechanical Engineering
(Specialization in **Thermal Systems Engineering**)
2016 - 2020
- ✓ **University of Engineering & Technology, Taxila**
BSc Mechanical Engineering
2012 - 2016

Contact Information

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Technical Skills

- ✓ Solidworks
- ✓ AutoCAD
- ✓ ANSYS
- ✓ Microsoft Word
- ✓ Microsoft Excel
- ✓ Microsoft Powerpoint
- ✓ Adobe Photoshop
- ✓ Adobe Illustrator

Strengths

- ★ Hard Working
- ★ Consistency
- ★ Creative
- ★ Adaptability
- ★ Time Management
- ★ Multi Tasking
- ★ Well Disciplined
- ★ Technical Proficiency

Hobbies

- ★ Cricket
- ★ Badminton
- ★ Hiking
- ★ Exercise
- ★ Graphic Designing
- ★ Video Editing

Languages

- ✓ English
- ✓ Urdu