



Muhammad Sohaib Arshad

PEC Registered- Mechanical Engineer



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Why *Sohaib*?

- Conversant, solution-focused and diligent mechanical engineer, exceptionally capable of managing exigent projects to promote growth through self-reliance and group achievements. Assiduous and hardworking individual possessing extensive knowledge of engineering operations, power system simulation, restorative & preventive maintenance and technical reporting.
- Performance-oriented professional with strong problem-solving capabilities and knowledge of mechanical design engineering; capable of applying principles of mechanics, thermodynamics, internal combustion engines, heat & mass transfer and materials. Competent person having strong analyzing skills and exceedingly capable to design or redesign mechanical testing methods, system capabilities, fabrication, installation and simulation processes using computer-aided design and computational fluid dynamics.
- Process-oriented individual, willing to work in target driven environment and perched to undertake versatile challenges of abruptly changing business. Adept at AutoCAD, MATLAB, ANSYS and diagnostics with insights into engineering designs.

PROFESSIONAL EXPERIENCE

Vania Food Industry

Working as "*Trainee Engineer*", August 2017 – Dec 2017

Responsibilities/Accomplishments:

- Fabricated bubble wrap machine for packing candies
- Designed the roller for cooling the candy
- Analyzed the total need of compressed air for pneumatics machines

Lahore Manufacturing works (Descon)

Worked as "*Intern*", August 2016 – August 2016

Responsibilities/Accomplishments:

Efficiently learnt to supervise, lead individuals and maintained working activities in various departments of factory

- Efficiently assimilated repairing, inspecting and maintaining the structural, mechanical elements of boiler, replacing parts, measuring wear and assessing need for repair or replacement of parts.

PROFESSIONAL QUALIFICATION

- **UET, Lahore, Pakistan (2018 -)**
MSc Automotive Engineering
CGPA – 2.81/4.00
- **Air University, Islamabad, Pakistan (2013 - 2017)**
BE - Mechanical Engineering.
CGPA – 3.14/4.00

Semester Projects:

- Computational Fluid Dynamics (CFD) of an Axial turbine
- Successfully designed in Solidworks and evaluated dimensions using Computational Fluid Dynamics (CFD)
- Successfully manufacturing and designed of Scissor Lift Prototype in Solidworks & Performed Analysis in ANSYS
- Efficiently simulated manufacturing process using Mastercam and founded G-Code for CNC

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