

# BASIL MIR

(Mechanical Engineer)

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To obtain a position that challenges me and provides me the opportunity to reach my full potential professionally and personally utilizing my abilities and skills in your organization that is progressive intellectually and technically.

## Education

2014-2018

### BS Mechanical Engineering

University Of Lahore

Islamabad, Pakistan

CGPA 3.86

2011-2013

### HSSC (Pre-Engineering)

Fauji Foundation College

Rawalpindi, Pakistan

1<sup>st</sup> Division

2009-2011

### SSC

Fauji Foundation School

Rawalpindi, Pakistan

GRADE A<sup>+</sup>

## Awards & Achievements

- 2<sup>nd</sup> position holder in Mechanical Engineering from University of Lahore.
- Scholarship from University throughout 8-Semesters.
- Stipend from Federal Government Employees Benevolent Fund.

## PROJECTS

- **Design and analysis of Axial Flow Micro Gas Turbine.**
- Design and analysis of geared five bar mechanism with its application to Ornithopter.
- Design optimization and manufacturing of wind turbine.
- Increasing efficiency of centrifugal pump impeller by edge trimming.

## Experience & Visits

- Internship training at Mirage Rebuilt Factory, PAC KAMRA.
- Auto-Mechanic training at Honda Centre Rawalpindi.
- Technical visit of Attock Oil Refinery Rawalpindi.

## SKILLS

- GasTurb
- ANSYS CFX
- PRO Engineer
- MS Office
- Solid works
- CAE software AXIAL
- AxCent
- Matlab

## PERSONALITY TRAITS

- **Teamwork**
- **Flexibility**
- **Problem Solving**
- **Analytical**

## HOBBIES

- Sports** Cricket, Football, Volleyball
- IT** Computer Gaming, 3D modelling
- Board Games** Chess