

# Muhammad Sahood Saleem

Mechanical Engineer

📍 Lahore, Pakistan  
☎ +923344770732  
✉ [muhammadsahood@rocketmail.com](mailto:muhammadsahood@rocketmail.com)

## Summary

A self-assured and dynamic professional on prowl to add value to a reputed organization through practical skills as well as theoretical knowledge of the Mechanical stream.

## Work experience

### Mechanical Site Engineer

February 2017 - April 2018

[Reliable Engineering Services \(Pvt\) Ltd](#)

Key Achievements

- Design study of some Pre Engineered Buildings for Orange Line Metro Train Project, Lahore.
- Use of international standards ASTM, AWS, MBMA and AISC in Design.
- Scheduling and budgeting of project at small scale.

Core Responsibilities:

- Study of design standards and their proper use for analysis of main frames.
- Estimation from client drawing for preparation of Bill of Materials.
- Use of Primavera P6 for project planning with correspondence of management.
- Inspection of fabricated material at subcontractor facility.
- Scheduling of critical activities to ensure speedy completion of project

## Education

### BS Mechanical Engineering

2012 - 2016

[Pakistan Institute of Engineering and Applied Sciences](#)

### FSc. Pre-Engineering

2010 - 2012

[Federal Board of Intermediate and Secondary Education, Islamabad](#)


### Matriculation

2008 - 2010


[Federal Board of Intermediate and Secondary Education, Islamabad](#)

## Projects


### Orange Line Metro Train Project, Lahore

- 
- Design study of Pre Engineered Buildings for Harbanspura Depot.
  - Scheduling of Erection work at Depot and elevated station .
  - Took active part in NESPAK inspections.

### Manufacturing of R-12 Based Model Thermal Powerplant (FYP)

- 
- Used unique idea to employ a refrigerant in Rankine Cycle
  - This idea can be used to utilize industrial waste heat.
  - Cheaper materials can be used for manufacturing of turbines


## Manufacturing of Light Weight Fuel Efficient Car

- 
- The vehicle got 2nd position in Shell Eco Marathon Asia 2015
  - Volunteer work in manufacturing and assembly of vehicle


## Professional Strengths

---

### Computational Skills

- 
- Modelling and Dynamic Analysis in SolidWorks
  - Basic stress analysis of simple parts in ANSYS Workbench
  - Drawing study in AutoCAD

### Personal Skills

- 
- Willingness to work beyond the call of duty
  - Effective listening and adaptability
  - Persistent urge for learning of industrial techniques and skills

### Management

- 
- Scheduling and Costing of Resources at Primavera P6

## Portfolio

---

**Father's Name:** Maj. Saleem Akhtar

**Date of Birth:** December 10, 1995

**CNIC:** 56302-0149441-3

**Marital Status:** Single