

**MUHAMMAD IBTISAM ARSHAD**  
**S/O MUHAMMAD ARSHID**  
**MAHMOOD NAZ**

**Permanent Address:** House # 87,  
Street # 1, Sector-D, DHA Phase-2,  
Islamabad  
**Citizenship:** Pakistan  
**Domicile:** Punjab

**Date of birth:** 8<sup>th</sup> February 1995  
**Marital status:** Single  
**Religion:** Islam  
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**Contact Information**

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**Profile**

**Personal statement:** I take responsibilities willingly and perform my duties with dedications. I have an organized approach with good communication skills, which enables me to work confidently and productively in engineering environment. Learning modern technology especially in mechanical arena is my passion.

**Objective:** To serve in an organization where I can use my education, professional skill / experience and capabilities with a view to add value to an organization.

**Academic Profile**

Education	Name of Institution	Result	Passing Year
<b>Bachelor of Engineering (Mechanical) PEC</b> Registered # MECH/32177	University of Wah, Wah Cantt HEC/PEC Recognized	(3.23/4) CGPA	2016
<b>Higher Secondary School Certificate (HSSC)</b>	Army Public School & College, Ordnance Road, Rawalpindi	(806/1100) A Grade	2012
<b>Secondary School Certificate (SSC)</b>	Army Public School & College, Ordnance Road, Rawalpindi	(852/1050) A-1 Grade	2010

**Projects**

**Semester's and Side Projects**

- ✓ Developed a Bridge prototype capable of withstanding 42 Kilograms of weight
- ✓ Developed a boat operating on solar power
- ✓ Designed a Mechanical Spur Gear in Pro E (Creo) software
- ✓ Manufactured a given work piece using conventional machining in WEC workshop
- ✓ Developed an electrical solenoid (Electromagnet)
- ✓ Designed a circuit to operate Thermistor as heat sensors to control flow of electricity
- ✓ Developed Pakistan International Airlines Flight Reservation program using the software DEV C++

**Final Year Project (BSc Mechanical Engg)**

Design & Manufacturing of VTOL (Vertical Takeoff & Landing) Air Vehicle

## Work Experience

### Job Experience

**Junior Engr / Operation Planner** at Nishat chunian Power Limited, Lahore Since October 2016.

**Plant Description:** 200 MW WARSTILA Finland manufactured Power Plant. 11 IC **Engines** (W18V46C5) 17MW each and 1 Heat Recovery Steam **Turbine** generator 14 MW plus 11 **Boiler** Units installed.

Member of Independent Power Producers Advisory Council (IPPAC), Listed on Pakistan Stock Exchange. Established in 2007 as **Independent power producer** (IPP).

**Designation Role:** *Generate daily **fuel** and **operation** reports & Report them to **GM Site/head office**. Preparation of daily **oil** stock closing record. Adding all plant statistics in Enterprise resource payment (**ERP**).*

*Keeping all 17MW Engines under constant **operation state** and to make sure cooling towers, separators and all other power plant auxiliaries operate **efficiently and safely** to supply sufficient energy by following organization **SOP's** as requested by National Power Control Center (NPCC), Islamabad.*

*Generate power plant **monthly reports** and **invoices** EPP & CPP for claiming production price according to power purchase agreement and update **LESCO** with daily Transformers Generation.*

### Educational Visits

- Pakistan Ordnance Factory
- Tarbela Dam Power station
- Ghazi Brotha Hydroelectric power station
- KSB Pumps factory

### Internships

- Attock Oil Refinery, Rawalpindi
- Heavy Industries Taxila, Taxila
- Aviation Engineering School, Dhamial Airbase, Rawalpindi

### Leadership and Social Skills

- Member of American Society of Mechanical Engineers (ASME)
- Member Professional Society Mechanical (WEC)
- Director Information Youth a ray of hope–YAROH WEC chapter
- Organized and offered my interpersonal skills in various events held at WEC, namely:
  - ✓ Student week (held yearly)
  - ✓ Youth a ray of hope – YAROH (WEC chapter)

### Key Skills

- Proficiency in following softwares:
  - ✓ C++ Programming language
  - ✓ Creo (Pro-E)
  - ✓ Solid Works
  - ✓ AutoCad
  - ✓ Audacity
  - ✓ Javafoil
  - ✓ ANSYS
  - ✓ Sweet Home 3D
  - ✓ MS Office
  - ✓ Proteus
  - ✓ LabView
  - ✓ MATLAB

## Certificates

- 2<sup>nd</sup> Position in American society of mechanical engineering (ASME), Bridge building competition held at WEC in 2015
- Certificate of excellence for outstanding service in YAROH welfare Organization
- Certificate of management in an event named “Gaming for Cause” by YAROH Welfare Organization
- Successfully completing summer internship & training in Aviation Engineering School, Dhamial Airbase, Rawalpindi (2013)
- Successfully completing internship at Heavy Industries Taxila - HIT, (2014)
- Successfully completing summer internship at Attock Oil Refinery, Rawalpindi (2015)
- Certificate of merit on winning the Cricket championship in Army Public School & College, Ordinance Road, Rawalpindi

## Activities & Interests

- Chess, tennis, cricket

**Languages:** English, Urdu, Punjabi