

# ASAR MASHHOOD

## Mechanical Engineer

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### CAREER OBJECTIVE

Seeking a career in an organization that provides an environment of opportunities to capitalize my technical skills & abilities in the moral challenges of life.

### Work experience

Site Engineer (Execution) April 2019 - Present  
DWP Technologies  
VRF system and Chilled water system installation

Planning Engineer Sep, 2018 - Jan, 2019  
General Engineering Services  
Cost evaluation, demand analysis and work progress of fire fighting systems and HVAC

Marketing and Sales Executive Dec 2017 - Sep 2018  
[Digital Global Services](#)  
Customer acquisition and dealing

Assembly line engineer Apr 2017 - Oct 2017  
Blue Buzzard  
Complete assembly of low boy II para-glider quad motors with 2 stroke and 4 stroke engines.

### EDUCATION

Pilot license May 2018 - Present  
[Air Eagle Aviation Academy](#)  
Total hours flown : 190

B.Sc Mechanical Engineering 2012 - 2016  
[Imperial College of Business Studies](#)

F.Sc ( pre engineering ) 2010 - 2012  
[Pakistan International School, Al- Khobar, Eastern Province, KSA](#)  
1st division

Matriculation 2008 - 2010  
Crescent Kids Campus  
1st division

### PROFICIENCY

Hardware tasks



Parts assembly and maintenance

MS Office



Professional presentations and word documentation.

Solid Edge



Software modeling with complete parameters.

### PERSONAL TRAITS

- Co-operative and keen observer
- Good communication skills
- Creative, logical and flexible

### Certification:

IOSH certified

## FINAL YEAR PROJECTS

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**1ST PROJECT :** Wind Tunnel

**DESCRIPTION :** Design and Fabrication of a Sub-Sonic Wind Tunnel

**ROLE :** Team Leader

**2ND PROJECT :** Jet Engine

**DESCRIPTION :** Design and Fabrication of a Turbo Fan Jet Engine

**ROLE :** Team member

## SEMESTER PROJECTS

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- Assembly of a professional RC racing car (Traxxas e-Revo)
- Assembly of a quad copter ( DJI Phantom II )
- Fabrication of a low speed wind tunnel prototype.
- Reciprocating Air Pump, high pressure modification
- Modification of a 3D professional RC helicopter and 2 stroke engine airplane (Thunder Tiger Mini Titan V2, Belt CP)

## EVENTS AND FUNCTIONS

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- Event **SUPERVISOR** of Auto Show at Imperial College of Business Studies.
- **EVENT HEAD** of ICBS TECH MANIA 2016 at Imperial College of Business Studies.
- Worked as a volunteer at Silver Jubilee function of Imperial College of Business Studies.

## ACHIEVEMENTS

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- Participation in GIKI TECH FEST 2016, secured 1st position in WIND TURBINE module.
- Secured 2nd position in GRAVITY PULL CAR module at GIKI TECH FEST 2016.
- Participation in Software War (Solid Edge) at UET, Lahore. (KAIZEN 2016)
- Exhibited semester project at OPEN DAY (Imperial College of Business Studies)
- Participation in Science and Art Exhibition in 2008 at Crescent.

## CONFERENCES AND SEMINARS

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- Participation in “FIRST NATIONAL AUTOMOTIVE SUMMIT-2016”
- Participation in “ACADEMIA AND INDUSTRY LINKAGES”
- participation in “ENTREPRENEURSHIP & SMEs DEVELOPMENT IN PAKISTAN”

## LANGUAGE PROFICIENCY

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- ICAO (International Civil Aviation Organization) English language rating level 4
- IELTS band 6