

## PERSONAL INFORMATION

MUHAMMAD WASIF BAJWA

 Mangla Cantt, Pakistan +92-(0)336-5257562 [wasifbaiwa69@gmail.com](mailto:wasifbaiwa69@gmail.com) WhatsApp

Sex Male | Nationality Pakistan | Passport No AM3594971

## WORK EXPERIENCE

25 Jan 2018 – Present

## Trainee Engineer (Mechanical)

Hydel Power Station, Mangla, Pakistan

- Refurbishment of Francis Turbine.
- Study of Mechanical Drawings.
- Dismantling of Francis Turbine.
- Dimensional Reports of Francis Turbine components.
- Up-gradation of unit capacity from 100 MW to 135 MW .

**Business or sector** GE Renewable Energy & Engineering Kinetics (pvt) Ltd. (EKL)

May 2017 – July 2017

## Internship

Hydel Power Station, Tarbela, Pakistan

- Overview of Hydel Power Station.
- Study of Mechanical Drawings.
- Operation and Maintenance of Turbine and their Auxiliary Systems.
- Operation and Maintenance of Governors and Diesel Generators.

**Business or sector** Water & Power Development Authority (WAPDA), Pakistan

August 2016 – Sept 2016

## Internship

Hydel Power Station, Mangla, Pakistan

- Layout of Power Station.
- Mechanical Drawings.
- Operation and Maintenance of rotating equipment (Pumps & Compressors).
- Refrigeration and Air Conditioning System of power plant.

**Business or sector** Water & Power Development Authority (WAPDA), Pakistan

June 2016 – July 2016

## Internship

Hydel Power Station, Tarbela, Pakistan

- Layout of Power Station.
- Mechanical Drawings.
- Operation and Maintenance of rotating equipment (Pumps & Compressors).
- Refrigeration and Air Conditioning System of power plant.

**Business or sector** Water & Power Development Authority (WAPDA), Pakistan

## EDUCATION AND TRAINING

- 2013 - 2017 **Bachelor of Science in Mechanical Engineering**  
 Mirpur University of Science & Technology (MUST), Pakistan
- Renewable Energy
  - Refrigeration and Air Conditioning
  - Internal Combustion Engines
  - Control Engineering
  - Engineering Drawing
  - Engineering Mechanics
  - Mechanics of Materials
  - Thermodynamics
  - Computer Aided Design
  - Machine Design
  - Fluid Mechanics

## PERSONAL SKILLS

Mother tongue Urdu

Other language

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
English B1	C2	B1	B1	C2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
 Common European Framework of Reference for Languages

Communication skills

- Presentations, Daily & weekly reports.
- Communications and Interaction with diverse technical peers.
- Proficient in engaging (with) subordinates.

Organisational / managerial skills

- Session Head at ASME MUST Student Chapter
  - Managed seminars, motivational sessions & regional events.
  - Lead teams of more than 30 people.
- Technical Coordinator at ASHRAE MUST Student Chapter
  - Responsible for technical issues.
  - Writing material, managing data.
  - Installing, configuration and testing of hardware's and software's.

Computer skills

- Microsoft Office Word, PowerPoint & Excel.
- Excellent command of using OS's (Ubuntu, Linux Mint, Windows)
- Proficient with AutoCAD Mechanical.

## ADDITIONAL INFORMATION

## Projects

1. Installation & performance comparison of two different types of self-cleaning mechanism for roof mounted PV's.
2. Mangla Refurbishment Project.

## Conferences

Student Leadership Training Conference 2016, in IMECE 2016 by ASME in Phoenix, US held in Nov, 2016 on reimbursement program by ASME.

## Memberships

1. Pakistan Engineering Council (MECH/36788)
2. ASME (American Society of Mechanical Engineers)

## References

1. Engr. Prof. Dr. Khurum Pervaz Amber (Chairman)  
 Department of Mechanical Engineering,  
Mirpur University of Science & Technology (MUST)  
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 [chairman\\_me@must.edu.pk](mailto:chairman_me@must.edu.pk)
2. Engr. Dr. Bilal Akbar (Assistant Professor)  
 Department of Mechanical Engineering,  
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