

Holds a B. Sc. in Mechanical Engineering and has 1 year experience in power plants and energy consultancy.

## PERSONAL DATA

Nationality : Pakistani  
Birth Date : 31/03/1995  
Gender : Male

## EDUCATION

: B. Sc. in Mechanical Engineering, UET Lahore, 2017  
: F. Sc. Pre-Engineering, Bise Dg Khan, 2013  
: Matric, Bise Dg Khan, 2010

## LANGUAGES

English : Good  
Urdu : Good

## COMPUTER SKILLS

: Windows, MS Office, Internet  
: Matlab  
: AutoCAD

## TRAINING COURSES AND CERTIFICATIONS

: 6 weeks internship at Kotaddu Power Company Limited.  
: Attended safety workshop by safety department of Kotaddu Power Company limited and received a certificate for one-year validation.  
: Attended safety workshop with safety head of FEL.  
: Workshop with rescue 1122.  
: Industrial Visits:

- Mangla Dam Mirpur Azad Kashmir.
- GTDMC Gujranwala.
- Heavy Industries Taxila, Pakistan.
- Ghazi Brotha Dam Attock, Pakistan.
- Heavy Machinery Complex Taxila, Pakistan.

# CHRONOLOGICAL EXPERIENCE RECORD

**Dates** : From Dec. 2020 till now  
**Employer** : Élan Partners Pvt. Ltd, Islamabad  
**Job title** : Assistant Manager Mechanical  
**Job Description** :

- Preparation and review of feasibility study report.
- Preparation of feasibility study stage tariff petition.
- Preparation of generation License for power plants.
- Team & work management w.r.to the project.
- Feasibility study of 31.26MW Nila Da Katha Hydro Power Project for Sino-Pak Power Pvt. Ltd.
- Feasibility study of 60MW Shalafalam Hydro Power Project for Siddiqsons Power Ltd.
- Feasibility study of distributed solar buildings survey Sindh (A project sponsored by Asian development bank).
- Prepared a Feasibility stage tariff petition of 31.26MW NDK HPP to NEPRA.
- Prepared generation license petition of 31.26MW NDK HPP to NEPRA.
- Checked and approved maintenance invoices of TNB Liberty Power Limited as a third-party validator.

**Dates** : From Dec. 2018 till Apr. 2019  
**Employer** : Fatima Energy Limited  
**Job title** : Graduate Engineer  
**Job Description** :

- Working experience of 2x60MW (SST-600), indoor, Tandem compound, single flow, extraction type, condensing, reaction turbine made by SIEMENS having control system SIEMENS SPPA-T3000.
- Working experience of 90 bar, 215 T/H dual fuel (coal/Bagasse fired) ROTO GRATE type conventional boiler made by Amec Foster Wheeler).
- Working experience of Boiler and turbine auxiliary systems including condensate water system, main feed water system, cooling water system, auxiliary cooling water system, turbine vacuum system etc.
- Working experience of 2 x 44m<sup>3</sup>/hr Demin water system using RO & EDIs.
- Working experience of coal handling, bagasse handling systems.
- Working experience of bottom, ash and fly ash handling systems.
- Working experience of water treatment system.
- Working experience of ESP system.
- Working experience of PRDS system.
- Working experience of turbine bleed system and process steam towards LP steam header.
- Working experience of De-aerator system.
- Fully aware of safety document system.
- Fully aware of LOTO system.

## Skills:

- Report writing.
- Tariff & generation license petition documents preparation.