



Muhammad Usman

Electrical Engineer

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OBJECTIVE

A versatile electrical engineer having a great urge to innovate and develop engineering systems for Pakistani and international society.

FINAL YEAR PROJECT

Automated Production With Protection And Indication:

The concept for such smart system is to provide option for masses to use automation on a small scale as well as at a considerably low cost which would not only be beneficial financially but would also help protect their machines and devices in any malfunction case. Main idea is to provide such smart and managed system for this small scale industry that it keeps working profitably reducing the electricity cost and many other kinds of accidental failure. "

EXPERIENCE

❖ Internship at NPGCL GENCO-III, Thermal Power Station, Muzaffargarh.

- Learned the complete electricity production process of the thermal power plant.
- Familiarized myself about the working principle of furnace, boiler, condenser and steam turbine.
- Learned and directed the working of TPS from the control room.
- Submitted a report at the end of the internship.

❖ Internship at PTCL Lahore Cantt.

- Acquired knowledge of the network management system (NMS).
- Studied and practiced the phenomenon of GSM and LTE architecture.
- Experienced to handle the NMS based on Huawei U200 and Bridge300.
- Submitted a report at the end of the internship.

ACHIEVEMENTS

- Secured highest marks on the 1st semester of engineering.

EXTRA-CURRICULAR

- Secured 2nd position in cricket at sports gala.
- 1st Prize - Debate Competition - Domino English Learning Centre.

EDUCATION

BE Electrical	2017	Hajvery University.
F.Sc Pre-engineering	2013	Pakistani International School Al-Khobar.
Matriculation	2011	Pakistani International School Al-Khobar.

*CGPA 3.43

AREAS OF INTEREST

- Power Generation/ Power Plant
- Project Management
- Renewable Energy

PROFESSIONAL COURSES / SKILLS:

- 1) Auto-CAD Electrical Design & Power System training from 'Pakistan Industrial Technical Assistance Centre'.
- 2) English Speaking Language Course from Domino English Learning Center.

TECHNICAL SKILLS

AUTOCAD ○○○○○○
MATLAB ○○○○○○
C++ ○○○○○○

GENERIC

MS WORD ○○○○○○
POWERPOINT ○○○○○○
EXCEL ○○○○○○
Arduino ○○○○○○
PROJECT ○○○○○○

Personal Information:

Date of Birth: 06-May-1995
Passport: AL2859993
Passport Expiry: 15-Jun-2025
Nationality: Pakistani
Marital Status: Single
Availability: Immediately