

MEHMOOD TAHIR



Village & P/O Bada Mir Abbas Khan Mandan

Tehsil & Distt Bannu (KPK), Pakistan

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PERSONAL PROFILE

Name: Mehmood Tahir
Profession: Electrical Engineer
Date of Birth: August 23, 1995
Marital Status: Single
Gender: Male
Nationality: Pakistani

OBJECTIVE

To seek a successful career position in a progressive organization, where I can practice my knowledge, learn new skills and contribute to the prosperity of the organization as an Electrical Engineer.

SUMMARY

- Strong communication and conversation skills
- Ability to convert theory to Practical world
- Strong Management and Research skills
- Initiative to undertake additional responsibility
- Ability to work independently and with a team
- Good Interpersonal skills
- Good skills of Engineering software
- Ability to prioritize and handle multiple tasks in a given timeframe

EDUCATIONAL QUALIFICATION

Subject and Level	Duration	Percentage/CGPA	From
BSc Electrical Engineering	2013-2017	3.42/4.00	CECOS University of IT and Emerging Sciences Peshawar
F.Sc (Pre-Engineering)	2011-2013	77%	Government College Peshawar
Matric	2009-2011	77%	Shaheen Children's Academy Mita Khel Karak

ACHIEVEMENTS

University Final Year Project (Internet of Things (IoT) Based Switching and Theft Detection of Distribution Lines)

Summery:

The energy sources are one of the main assets of a country. Since country like Pakistan is facing the worst energy crises of all times. Existing conventional switching system is manual, old and requires a lot of time. Our main goal was to develop a real smart control switching system of distribution lines. and finally we achieved our goals. i-e

- Switching Through IOT
- Monitoring Through IOT
- Load Management Through IOT
- Automatic Theft Controlling Through IOT

PROFESSIONAL EXPERIENCE

From June 2017 to February 2018 :

Worked as Electrical Maintenance Engineer with Bannu Woolen Mills Limited Bannu. KPK, Pakistan.

Responsibilities:

Mainly responsible for the installation and commissioning of diesel Generators, Distribution Transformers, Load Break Switches, Contactors, Overload relays Distribution Panels, Electrical Lighting and electrical appliances including all types of protection.

Two months of experience:

As an Electrical Site engineer in M/s “**Waqar Construction Company**” GOVT. contractor works is to covering electrical building service; low voltage distribution, general power distribution, electrical wiring, cable laying, lighting system, fire detection and alarm, distribution boards, switches, circuit breakers, smoke detectors, lightning protection system.

- Experience in the field of electrical services in both distribution and building services.
- Studying all the (MEP) tender drawings and preparing shop drawings for all Electrical individual services (Power lighting, Fire Alarm).

Online Courses Of Dialux Evo:

Worked on Dialux 4, 5 & Dialux Evo for calculation of Lighting, Luminous calculation for different Areas, Room geometry, insertion of Furnitures, Lighting, windows, door and CAD file to Dialux.

- Calculate and Visualize light professionally- single rooms, whole floors, buildings and outdoor scenes.
- Using CAD software and create a lighting design in DIALux, export result for documentation or communicate them to contractors or clients.

Electrical Drafting, Designing AutoCAD Techniques:

- Can calculate theoretical values for Fans according to IEC standard
- Can calculate theoretical values for Direct & Indirect Lighting according to IEC standard
- Know about how to select Depreciation & Utilization Factors for lighting
- Knowledge about Lux level for different areas according to IEC
- Can Calculate theoretical values for HVAC
- Knowledge about CCTV, Fire Alarm System, Telephone and Public Address system

SOFTWARE SKILLS

- | | |
|----------------------|------------|
| • Electrical AutoCAD | Dialux EVO |
| • Multisim | PSPICE |
| • Camtasia | Matlab |
| • Ecodial | Lab View |

TECHNICAL SKILLS AND INTEREST

- Expert in all Operating Systems & Internet.
- Expert in Microsoft Office, especially in Word & Power Point.
- Expert in AutoCAD to develop different design, plan of commercial & Residential buildings.
- Expert in DIALux 4.12, EVO__A lighting design software from GmbH used to calculate illumination level for different areas.
- Expert in Electrical Drafting, Planning & Design Techniques.
- Familiar with national and international codes like IEC, related to residential, commercial and industrial electrical installations.

PROFESSIONAL TRAININGS/WORKSHOPS/SEMINARS ATTENDED

- Seminar On “Leadership For Engineers & Technical Managers” Under PEC, Islamabad
- Seminar On “Presentation Skills & Report Writing For Engineering Managers” Under PEC, Islamabad.
- 11th IEEE International Conference on Emerging Technologies ICET, Peshawar, Pakistan
- Three-Day Arduino Workshop-A Hands on Introduction Organized By CECOS’ IEEE
- 15th All Pakistan Inter Colleges/Universities Computer Projects Exhibition & Competition “COMPEC” Organized by Nust EME, Islamabad, Pakistan
- “Change Pakistan” Conference for Entrepreneurial Eco-system in Pakistan Organized by JUMP Startup Pakistan

LANGUAGES

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|-----------|--------------------------------------|
| ➤ English | (Can Understand Read, Write & Speak) |
| ➤ Urdu | (Can Understand Read, Write & Speak) |
| ➤ Pashto | (Can Understand Read, Write & Speak) |

REFERENCES

Reference will available on request.