



Mudasir Jamil

Aspiring Electrical Engineer



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Jamilmudasir345



August 24, 1996



BS8202452

Why *Mudasir*?

- Proactive, solution-focused and industrious electrical engineer possesses extensive academic knowledge of electrical engineering, electric machines and microcontrollers; well-versed in technical reporting and using computerized maintenance management system and different software to perform engineering tasks
- Performance-oriented individual highly skilled in electrical and power systems, equipment control, project engineering, system maintenance and repair. Expert at developing manufacturing processes by designing and modifying equipment for building and assembling electrical components, soliciting observations from operators
- Process-oriented individual, willing to work in target driven environment; poised to tackle multifaceted challenges. Skilled in utilizing variety of technical skills in installation and repair of electrical components of system and possesses resolute troubleshooting skills; has ability to carry out breakdowns and preventive activities of plant machineries

CORE STRENGTHS & ENABLING SKILLS

- Electrical Engineering
- Maintenance Management
- Applied Thermodynamics
- Digital Logic Design
- AUTOCAD, MATLAB & Unity 3D
- Microcontrollers & Circuits
- Digital Signal Processing
- Linear Control Systems
- Assembly Language, C++, Arduino & VMware
- Multism, Proteus & Cisco Packet Tracer
- Electrical Network Analysis & Troubleshooting
- Communication & Presentation Skills

PROFESSIONAL EXPERIENCE

National Transmission & Dispatch Company, Lahore, Pakistan

Worked as "*Intern*", August 2017 – September 2017

Responsibilities/Accomplishments:

- Successfully learnt power system protection i.e. working and usage of different type of relays including differential relay, overcurrent relay & distant relay. Assimilated process of fault & diagnostic analysis for better performance & productivity
- Meticulously observed electrical bus bar system, current transformer, surge arresters n grid station yard. Learnt rendering support in troubleshooting and preparing daily technical reports; periodically

PROFESSIONAL QUALIFICATION

- Government College University, Lahore, Pakistan (2014 – 2018)**
BSc – Electrical Engineering

Major Projects:

- *Firefighting robot with autonomous capabilities (2018)*
- *Live feed camera using raspberry pi (2017)*
- *Anti-theft alarm system using RF receiver transmitter (2016)*
- *Quadcopter using Aduino Uno microcontroller (2016)*
- *Function generator for desired wave generation (2015)*