

Muhammad Zubair Mazhar

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Respected Sir,

I am writing to you to show my interest and motivation in doing job as an **ELECTRICAL ENGINEER** in your company. I have 3 years' experience in relevant field in different companies in Govt. Sector of Dubai (DEWA) and Pakistan (WAPDA) & (NTDC). I am graduated from Institute of Southern Punjab Multan, Pakistan in BS (Electrical Engineering Technology) with high percentage. That is one of best private sector universities in the province Punjab, Pakistan. That the quality engineering education at undergraduate level in Pakistan is excellent. To be ready to work in challenging needs of modern economies in power industry. In the foregoing paragraphs, I have given a brief description about my academic background objectives and my career goals.

From my school days my strength in quantitative & analytical abilities lead me a special interest in electrical field. My interest in power systems blossomed during my college period. The days of my undergraduate studies help me out to get sound knowledge and firm grasp over the principals under lying the course of electrical power engineering and have equipped me with the necessary prerequisites for a formal graduate courses. Evidence of my interest in power engineering can be partly reflected in the form of my excellent grades in power engineering subjects. Such as that Power Transmission and Distribution, Power electronics, instrument and measurements, high voltage technology, Power system protection, Power system analysis. In the addition, I have also obtained software skills with includes operating systems like windows, programming language like C, and EDA tools like proteus and MATLAB & SAP.

I have soft skills of leadership & event management. I am best athlete in Martial Arts (Silver Medalist). Devoted person in any assignment and active social worker.

I am sure that I will be useful member of your team in your company. I am very excited to become employ of your company. I attached my resume for your review. I can be available for interview at your convenience.

Thank you for considering my application.

Regards,
Muhammad Zubair Mazhar

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Education

Institute of Southern Punjab, Multan Bachelor of Science in Electrical Engineering and Technology Specialization: Power Engineering (CGPA: 3.20/4)	2017
Government College of Technology, Sahiwal Diploma of Associate Engineer in Electrical Technology	2012

Relevant Modules

Power System Analysis, Power Generation and Utilization, Power Transmission and Distribution, Renewable Energy Systems, High Voltage Technology, Switchgear and Protective Devices, DC Machines & Drives, Electrical Machines, Instrumentation and Measurements, Electromagnetic Field, Industrial Electronics, Control Systems, Power Electronics

Work Experience

Dubai Electricity & Water Authority (DEWA)	September.2019 – Present
<ul style="list-style-type: none">• Working in Assets Management of Substations• Condition Monitoring of Substations• Check the Record of Checklist of Routine Maintenance• Making Arrangement Of NODs of Substations• Attending The Abnormality Reports• Verify the Record of Substations Equipment Details• Inspecting of All Maintenance of Substations• Review the Record of Equipment in SAP	
Multan Electric Power Company	September. 2017 – February. 2019
<p>Worked in three departments; Sub-Station and Transmission (SS&T) Division, Metering and Testing (M&T) and Transformer Reclamation Workshop (TRW) and participated in the following activities;</p> <ul style="list-style-type: none">• Scheduling and emergency maintenance of various 132 kV sub-stations• Testing of different type of relays like instantaneous relay, IDMT relay, differential relay, distance relay, buchholz relay, directional relay• Attending the line faults in minimum possible time• Repairing of distribution transformer (rewinding coil techniques)• Metering and testing of single and three phase energy meters• Learning of programming of microcontroller in digital energy meters• Testing of oil and winding temperature gauges• Metering to make sure that voltage and current have their optimum values• Testing and maintenance of high voltage Sulfur Hexafluoride (SF₆) circuit breakers• Understanding of grid station control room, specifically isolators, circuit breakers, step-down transformers, bus bars and battery room• Maintenance of sub-stations under the jurisdiction• Carrying out the rehabilitation work of the transmission line• Implementation of WAPDA safety policy• Study of fuse rating in transformer• Taking a review of single line diagram of grid station• Understanding of the construction of energy meters	

- Study of transformer
- Learned about connection of high voltage conductor
- Study of ring system
- Study of switching mechanism
- Worked on control room
- Study of connection of transformer at low side and high side voltages

Project Experience

Power Theft Monitoring and Controlling System on Distribution Side (Final Year Project)

I have provided a working model of control and monitoring system which also locates the place where the theft is being carried out. This system notifies the substation about load of every consumer and evades the overloading problem with the help of intelligent DB (Distribution Board). It also provides substation the authority to trip any consumer in case of overloading or theft. Substation can also set maximum power usage limit to each consumer. There is no need of manual meter reading for this system. It detects overloading condition in peak hours. This system is an economical solution to load management and illegal energy consumption.

Technical Skills

EDA Tools and Others

SAP, Proteus, MATLAB, MS Office, Photoshop, Visual Basic

Programming Languages

C++

Achievement and Awards

Academic

- Got certificate for attending workshop about arduino board organized by IEEE
- Successfully established and chaired the IEEE subsection at Institute of South Punjab
- Got certificate for attending workshop on Printed Certificate Board (PCB) designing

Extracurricular

- Silver Medalist in Taekwondo Championship
- 1st position in debate at college level
- Got trophy for 2nd position in speech at school level
- 2nd position in Independence Celebration Taekwondo Championship
- Got trophy at Taekwondo city level championship
- Got certificate for best worker from Tulamba Trust
- Got certificate of appreciation for speech under PAIMAN Project
- Got first position at city level quiz competition
- Got certificate for participating in Active Citizen Training
- Got certificate of Time Management Training
- Got certificate from Social Activities Project (SAP) for organizing the training session for peace
- Got certificate for working as a head of Event Management Society at university level

Additional Information

Languages

English, Urdu

Interests/Hobbies

Travelling, Event Management, Social Activity Projects, Martial Arts (Taekwondo)

References

Will be Available on Demand