

Tayyab Ilyas

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Objective

To build career in a growing organization, where I can get the opportunities to prove my abilities by accepting challenges, fulfilling the organizational goal and climb the career ladder through continuous learning and commitment.

Personal Information

Father's Name	:	Sheikh Muhammad Ilyas
Gender	:	Male
Marital Status	:	Single
Religion	:	Islam (Muslim Sunni)
D.O.B	:	23-07-1989
Passport No	:	FJ1746851
Passport Expiry Date	:	23-07-2022

Education

- 2013 - 2017 **Bachelor of Science in Electrical Engineering Technology**
The University of Lahore, Pakistan
- 2010 - 2013 **Diploma of Associate Engineer (Electrical)**
Lahore Polytechnic Institute, Sheikhpura

Training/Courses

- Microsoft Office (Ms. Word, Ms. Excel advanced, Ms. Power Point, Ms. Outlook
- AutoCAD (Electrical), Graphic Design, Adobe Photoshop, Coral Draw
- PLC (Programming Logic Control), Proteus, Matlab, Multisim

Experience

Electrical Assistant Engineer'

Orient Engineering & Services - Lahore, Pakistan

Feb 2018 to Present

Supervision under Electrical Engineer Manager performs work in the operation, construction and maintenance of the Electrical substations, generation plants, and other power department facilities associated with the transmission, distribution, protection and control of electricity.

Job Description

- Technical support in the Operation & Maintenance engineering, troubleshooting and failure analysis of a wide range of electrical equipment in the plant such as large generators, motors, transformers, switchgear and other distribution equipment and control systems.
- Interprets relay tripping circuitry and size transformers, breakers, motor protectors, overload relays, cables, electrical rooms interface wiring diagrams, between generators and switchgears.
- Installation, testing & commissioning of power transformers, Gas insulated switchgears (GIS), protection and control system and power cables and other substations equipment in accordance with the IEC requirement and best international engineering practices.
- Troubleshooter responsibilities for generation plants, substation PLC, and relaying on a rotating basis.
- Drawing packages including Electrical one line diagrams, installation, bill of material, panel schedules, lighting plans, conduits and field wiring diagrams etc.
- Coordination with technical team members and Clients. Technical compliance for execution of projects/work orders cum costing report.
- Evaluate and awards bids for contractor and professional consulting services to accomplish and submits all required state and federal reports for their area of responsibility.
- Performing various engineering tasks involving such functions as analysis, design, development, test, installation, and services while working from instructions, drawing, proposals, specifications and other pertinent information.

'Training Electrical Engineer'

June 2017 to July 2017

Pakistan Telecommunication Limited (PTCL), Lahore, Pakistan

Over the summer of 2017, I was granted the unique opportunity to be employed in Pakistan Telecommunication LTD as an Internee. Under Transmission and Switching departments I have learnt a lot about transmission and monitoring. I was lucky enough to undertake 3 month internship that enhanced my practical knowledge and my way of thinking. I would like to express my deepest affection for my Parents who prayed for my success and encouraged me during this internship period.

'Training Electrical Engineer'

July 2016 to August 2016

AB Ampere Private Limited – Lahore, Pakistan

During this internship I focus on different types of transformer like Distribution transformer, Instrumentation transformer like (CT & PT) which are being used in power system. The operations of these static machines are observed here. The major technical are used here in detail to understanding totally construction these electrical & mechanical parts and helps to understand the working principal of these electrical instruments.

Academic Projects

- Hybrid Power Generation with Solar Tracking (Final Year Project)
- Smart Management System to Save Electricity
- Self-Balancing Reboot Using Arduino
- Four Way Traffic Signal
- Line Follower Reboot

Technical Skills

- Installation of MV/LV Panels, erection of transformers, Installation of RMU's, Switchgears etc.
- Installation of and testing of Transformers.
- CT & PT installation for differential protection or for other protections of Protection Relay.
- Design and Preparation of electrical drawings.
- Design of LV panels and DBs, SMDB's according to the project requirement.
- Megger, continuity, testing of LV control cables.
- Proper planning to meet deadlines and targets.
- Excellent problem solving and analytical skills.
- Good communication skills and ability to abstract ideas and to learn and develop new skills.
- Managing a group of supervisors, foreman's etc.

Professional Skills

- Preparation of shop drawings, reviewing the design of electrical systems as per the project requirements and regulations.
- Preparing material, cost and timing estimates, reports and design specifications for Electrical Installations.
- Supervising and inspecting the installation, modification and commissioning of Electrical systems in industrial and residential facilities.
- Compilation of contract document and preparation of reports on contract activities.
- Drawing out material planning and other related requirement for the project initial Startup and execution.
- Developing standards, schedules and providing guidance to Installation & maintenance crew.
- Lead project team through issues and resolution as required.

Strength's

- Ability to take up a challenge and adapt quickly to a new environment.
- Well used to working to deadlines.
- Willing to experiment and try out new ideas, innovative, flexible and have the drive to excel.
- Excellent organizing capabilities and communication skills.
- Easily understand new concepts
- Function well both as independent and a team member.

Area Of Interest

- Engineering Management
- Renewable Energy Resources
- Power System Protection
- Power System Monitoring

Declaration

I hereby declare that the above mentioned particulars are true to the best of my knowledge and belief.