

Engr. Haseeb Ahmed (Immediately Available)

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Iqama Status: **Transferable**

Objective

- Detail-oriented and safety-conscious Electrical Engineer with **4.7 years of industry experience** seeking a professional role to apply my academic training and hands-on expertise in **Electrical System Design, Power Generation, Transmission and Distribution, Testing & Commissioning, Protection & Control, Instrumentation, and Project management**. I aim to contribute to projects involving electrical planning, system diagnostics, and process optimization while maintaining the highest standards of **HSE** compliance and industry best practices.

Education

- **NEBOSH IGC LEVEL-3- (Attested from British Council)**
- **BS ELECTRICAL ENGINEERING- (Attested from Saudi Culture & Saudi Embassy) | Khwaja Fareed University of Engineering & IT, Rahim Yar Khan**
CGPA: 3.56/4.00
Thesis: Design and Implementation of a power transmission line and its fault protections through Numerical relay.
- **Intermediate (Pre-Engineering) | August, 2019 | Punjab College of Information & Technology, Rawalpindi**
Grade: A

Experience

- **Site Electrical Engineer-Testing & Commissioning | IESCO (Islamabad Electric Supply Company Limited), Islamabad | 02/09/2024 – 31/03/2025**
Worked in both P&I and T&I Divisions, focusing on testing and commissioning of equipment during annual shutdowns. Performed detailed testing of Circuit Breakers, Power Transformers, Current Transformers, 11kV Panels, and Isolators. Contributed to four major 132 kV grid station projects, handling complete equipment Testing and Commissioning & Energization.
- **Site Electrical Engineer | National Transmission and Dispatch Company Limited, Islamabad | 01/07/2024 – 30/08/2024**
Acquired hands-on experience with 500 kV grid station operations, focusing on routine and preventive maintenance of Circuit Breakers, Power Transformers, and associated control systems. Assisted in fault diagnosis, condition monitoring, and equipment inspections. Gained proficiency in interpreting single-line diagrams and supporting operational procedures to maintain grid reliability and performance.
- **Electrical Engineer | Water and Power Development Authority, Tarbela Dam, Swabi (Khyber Pakhtunkhwa). | 15/08/2023 – 13/09/2023**
Worked at the 4888 MW Tarbela Hydropower Station, actively engaging in the operation and monitoring of 17 power generation units. Gained hands-on experience with generator operations, transformer functionality, and the efficiency of high-voltage switchyard systems. Contributed to enhancing power transmission through 4x500 kV and 6x220 kV lines, ensuring seamless operation of critical infrastructure and power distribution.
- **Electrical Engineer | National Transmission & Dispatch Company Limited (High Voltage & Short Circuit Lab), Islamabad. | 19/06/2023 – 11/08/2023**
Assisted in the High Voltage & Short Circuit Lab, gaining hands-on expertise in testing high-voltage transformers (110 kV, 200 kV, 650 kV). Conducted critical tests including short circuit, temperature rise, voltage withstand, flash-over, impulse, induced over-voltage, and rain tests to evaluate transformer reliability up to 500 kV. Contributed to ensuring the performance and integrity of transformer components under extreme conditions.
- **Electrical Engineer Trainee | Pakistan Telecommunication Limited (PTCL), Rawalpindi/Islamabad. | 04/07/2022 – 16/09/2022**
Assisted department managers in diagnosing and resolving network connectivity issues using Alcatel, Huawei, and ZTE software. Gained hands-on experience in communication network design, optimization, and troubleshooting. Contributed to the maintenance and management of telecommunication switches and

infrastructure, enhancing system efficiency. Acquired practical knowledge of optical fiber technology, including its installation, testing, and applications in modern communication networks.

- **Electrical Engineer Trainee | Islamabad Electric Supply Company Limited, Rawalpindi/Islamabad. | 01/07/2021 – 15/09/2021**

Worked for 4 weeks, spending 2 weeks at the 132 kV GSS Cantt. and 2 weeks at the P&I Division. Gained hands-on experience in analyzing single-line and schematic diagrams, conducting equipment testing, and calibrating transformer relays. Contributed to grid station operations and maintenance, acquiring a thorough understanding of equipment functionality and the importance of grid stability for reliable power distribution.

- **Sub Station Officer | Islamabad Electric Supply Company Limited, Rawalpindi/Islamabad. | 01/08/2019 – 31/08/2020**

Managed the operation and maintenance of grid station equipment, ensuring continuous power distribution and system reliability. Performed routine inspections, troubleshooting, and testing of high-voltage equipment, including transformers, circuit breakers, and protective relays. Supported the maintenance of grid stability, ensuring efficient operation and minimizing downtime.

COURSES AND CERTIFICATIONS

- **Power System: Generation, Transmission and Protection Specialization - L&T EduTech (Coursera)- [28 Oct 2023]**
- **Completed a one-day CPD Course on "New Trends in PV Technology (HjT ERA)" by PEC in collaboration with ETRC- [14 Oct 2023]**
- **Renewable Energy Specialization - University of Colorado Boulder (Coursera)- [8 Sep 2023]**
- **A Practitioner's Approach (MV Substation) to Electrical Power Distribution & Automation Specialization - L&T EduTech (Coursera)- [15 Jul 2023]**
- **Project Management Principles and Practices - University of California, Irvine (Coursera)- [23 Apr 2023]**
- **Internet of Things Course - Organized by Pak-Japan Centre (Plus W & NUST)- [14 Nov 2022]**

FIELD OF INTEREST

Power Generation, Transmission, and Distribution, HSE, AC/DC Micro-grids, High Voltage, Power system Analysis, Protection & Instrumentation, Electrical Machines, Internet of Things, Project Management.

DIGITAL SKILLS

MATLAB/Simulink / Proteus 8.0 Professional / NI-Mutism / ETAP (Electrical Transient Analyzer Program) / Microsoft Suite (Outlook, Microsoft Word, Microsoft PowerPoint, Microsoft Excel) / Arduino & Arduino IDE / Microsoft Visio & Microsoft Project.

PROJECTS

- **Efficient DC to AC Conversion: Design and Implementation- [Jun 2023]**
- **Smart Energy Meter using Arduino for Advanced Instrumentation and Measurement- [Dec 2022]**
- **Digital Stopwatch on PCB (Printed Circuit Board) sheet- [Jan 2022]**

CONFERENCES AND SEMINARS

- **Attended a webinar on "ETAP software (For Design, Simulation, Distribution) of Power Systems." - [15 Jul 2023]**
- **Attended a seminar on "Design and installation of Solar System" organized by IEEE KFUEIT." - [18 May 2023]**
- **Attended a webinar on "Knowledge session: Transformers Digitalization with the Next Generation TXpert™ Ecosystem" by Hitachi Energy- [13 Dec 2022]**
- **Attended a workshop on "Machine Winding (Hands on Training on Machine Winding for Community Services" organized by KFUEIT Electrical Engineering Department- [20 Oct 2022]**

LANGUAGE SKILLS

Mother tongue(s): Urdu

English: Fluent

Chinese: Beginner

VOLUNTEER EXPERIENCE: IEEE (General Secretary), ALPINE Club Kfueit (J. General Secretary)