

Muhammad Asif

Electrical Engineer

Registered Engineer PEC (Pakistan Engineering Council) (ELECT/46426)

Registered Engineer UAE Embassy Pakistan

Visa Status: Visit visa (Three months)

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OBJECTIVE:

Young and dynamic entry-level professional seeking a solid career foundation in the Electrical Engineering field that offers extensive exposure to develop capabilities. Eager to utilize and develop technical & organizational skills to make a positive contribution to the growth of the organization as well as further my own career prospects.

FIELD OF INTEREST:

- ❖ Electrical wiring, designing, drafting and installation of residential, commercial buildings and villas.
- ❖ MEP Engineer in public utility services and construction companies.
- ❖ Electric power generation, transmission and distribution field.

QUALIFICATION

2016 – 2018 Mirpur University of Science and Technology - Mirpur, Pakistan
MS in Electrical Engineering - (CGPA 3.61 / 4.0) (78.27%)

2010 – 2014 Mirpur University of Science and Technology - Mirpur, Pakistan
BS in Electrical Engineering - (CGPA 3.90 / 4.0) (79.79%)

PROFESSIONAL EXPERIENCE: (five years)

Seven-Star & Co (Pvt.) Ltd (wef "June 2017- January 2020):

Worked as MEP Electrical Engineer (Part Time)

- ❖ Designing LV installation projects of residential, commercial and industrial type which includes preparation of BOQ, proper sizing and scheduling and routing of LV cables, cable trays etc.
- ❖ Prepare daily construction reports (DCRs) and update the reports to the field lead engineer.
- ❖ Ensuring that the work on the site according to the approved designs.
- ❖ Report any risks associated with installation especially in Electrical.
- ❖ Assisting the manager in assuring quality and safety at site.
- ❖ Ensure the completion of work within the due time.
- ❖ After completion of work, to take the date for inspection from the concerned departments.
- ❖ To take part in inspection and to ensure the approval of site works.

Pakistan Telecommunication Limited (PTCL) (wef "March 2016- March 2017):

Worked as Management Associate at PTCL (Pakistan Telecommunication Limited).

- ❖ Working experience of softwares CRM, BnCC, Sibel Communication, Maximo etc.
- ❖ MSAG power backup monitoring and maintenance of batteries and power generator.
- ❖ Team management monthly reports and excel sheets of customer's billings, connections etc.
- ❖ Attended trainings workshops on Transmission and NGN communication Networks.

Research Assistant (*wef "April 2015- March 2016)*

Worked as research assistant at Mirpur University of Science and Technology.

- ❖ Renewable Energy Integration in Smart Grid.
- ❖ Optimal Charging Operation of Electric Vehicles under Dynamic Pricing Schemes.
- ❖ Combined Economic and Emission Dispatch problem solution of thermal power plant.

Power Station Mangla (*work as trainee for four weeks)*

Major subjects covered during training are:

- ❖ Drainage and dewatering system
- ❖ Dams and spillways
- ❖ Study of generators (rotor & Stator)
- ❖ Turbine and turbine shaft
- ❖ Earthing system

TRAININGS AND CERTIFICATIONS

- *AUTOCAD ELECTRICAL*
- *PLC AND SCADA*
- *MATLAB PROGRAMMING*
- *MICROSOFT OFFICE*
- *ELECTRIC POWER SYSTEM*
- *SAFETY IN UTILITY INDUSTRY*
- *FIRE FIGHTING- DESIGN AND DRAFTING*

TECHNICAL SKILLS

- *AUTOCAD*
- *OFFICE TOOLS (MS - WORD, EXCEL, POWER POINT, VISIO ETC.)*
- *MATLAB, C++, LABVIEW*
- *EWB, PSSE AND PSCAD*
- *PLC AND SCADA*

DESIGNING WORK ABILITY:

- *Preparing the Electrical layout and Firefighting Sprinkler System for the complete design.*
- *Preparing the electrical fixtures, equipment, smoke and heat detectors system for the complete design.*
- *Calculating the Pipe Sizing for the project according to the NFPA standard.*
- *Preparing the BOQ for the complete project.*
- *Preparing the Equipment and Technical Schedule depending upon the project.*
- *Preparing Material Take-off (MTO) from tender drawings as per Specifications and International Standards.*
- *Incorporating the standards in the Shop Drawings.*
- *Troubleshooting, Active Learning and Critical Thinking.*
- *Familiar with ADDC, DEWA, British (BS), NFPA codes and standards.*

COMMUNICATION

English, Urdu and Hindi.

PERSONAL INFORMATION

Father's Name:	<i>Manazar Hussain</i>
Religion:	<i>Islam</i>
Nationality:	<i>Pakistani</i>
Marital Status:	<i>Single</i>
Passport No.:	<i>DW1883102</i>
