M. Ehtasham Ul Haq Janjua

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**Skype Id:** ehtashamjanjua7

**EDUCATION**

|  |  |
| --- | --- |
| **Bachelor of Science in Electrical Engineering**  COMSATS University of Information Technology, Pakistan. | 2010-2014 |
| **Higher Secondary School Certificate**  FG Liaqat Ali Degree College, Rawalpindi, Pakistan. | 2008-2010 |
| **Secondary School Certificate**  Quid Science Academy, Rawalpindi, Pakistan. | 2006-2008 |

**EXPERIENCE SUMMARY 4 YEARS**

* **Inspectorate of Electronics and Instruments (IE&I) Chaklala**

**Currently working as Quality Inspector(C/Man)**

1. IE&I deals with inspection & procurement of all types of Electrical /Electronic equipment for government organizations.
2. Carrying out paper as well as technical evaluation of equipment being offered by different manufacturers.
3. Negotiating contract & its clauses with original Supplier Preparing repairing and re-lefing plan after expiry of shelf life.
4. Making Accepting Test procedures to carry out inspection of product.
5. Analyzing the apparatus with appropriate functional, environmental and laboratory tests. Onsite inspection and commissioning of system after installation.

* **Premier Group(Chasma Sugar Mills & Ethanol Fuel Plant, Premier construction and housing limited)**

**Worked as ELECTRICAL ENGINEER/Site Incharge**

**1 Year**

1. Electrical Low & Medium Voltage distribution designing of Houses and Commercial buildings.
2. Preparing Annual Electrical Budget, Purchase Demands, 3rd party Commissioning Requests, BOQ’s, Estimations, SOP’s for NOC’s and Technical Report Writing
3. Control Panels, HT/LT Switch gears (VCB’s, ACB’s), Capacitor Bank Panels, DB and SMDB, LBS, Bus Bar Installations with respect to Load.
4. 2D/3D Modeling residential and commercial in AutoCAD with its Electrical Layout.
5. Indoor and Outdoor lighting Design using Dialux evo.
6. Monitoring Maintenance and Repairing of MCC’s (Dol & Star delta) VFD Commissioning.
7. Liaising with subcontractors and taking approvals from Wapda/Ntdc.

* **Mosart International (Uae) at Presedential Palace Project Abudhabi As General Electrical Engineer**

**1 Year 2 Months**

Mosart is an International organization working in UAE.

1. Supervision, Installation and Inspection of Light and Power fixtures, Conduiting, wiring as per diagrams.

**3.** Designing the Single line diagrams, Lighting & Power Layouts.

**4.** Doing inspections with consultant for material and site work.

**5.** Preparing Material Submittals,Load calculation, Method Statements.

**6.** Trouble shooting of Induction motors, synchronous motors, PLCs and control panels.

* **Tropical Engineering Services Islamabad–Pakistan As Trainee Engineer**

**1 Year**

It deals with power projects installations and their maintenances.

**1.** Commissioning, Testing, installationGenerators from8kw up to 200kw

**2.** OCC & SCC tests, maintenance and service ofCaterpillar, Perkins, Cumin power, Dynio silent generator and John deer.

**3.** Electrical working of Alternator, Dyno, starter motor and Modules.

**4.** Solar panels installation and Interfacing.

**5.** Sound knowledge of DC batteries.

* **Islamabad Electric Supply Company Islamabad–Pakistan Intern**

**4 Month’s**

IESCO is a Government Organization of **WAPDA** for distribution of electricity in the urban and rural areas of Islamabad.

1. Electric Working of Breakers, isolators, current transformers, potential transformers, Relay panels and lightening arresters.

2. Working on Bus bars, motors, and switchgears.

3. Sound knowledge of Power Transformers.

4. Maintenance and protection of High Tension (132kv) and Low Tension (11kv).

* **Kohinoor Textiles Mills Islamabad–Pakistan**

**Intern for 2 Month’s**

KTML is a fully vertically integrated home textiles company with state of the art capabilities for spinning, weaving, dyeing, printing and stitching. The company has sales in both local and foreign markets.

1. Electrical Designing of DOL and Star Delta circuits for different Motors.
2. PLC Ladder Programming using Logix500 and GX developer for Allan Bradley and Siemens.

**3** Working on transformers, Bus bars, motors etc.

**4** Maintenance of power system of various machines for the production, spinning and other processes of the mill.

**PROJECTS**

1. CNC Machine using Arduino uno R3(Final year Project)
2. Digital Library(semester project)
3. Generation of PWM using 8051 microcontroller ( semester project)
4. Independent component Analysis Research and Algorithm by changing SNR and Block length of Time varying Channels.
5. ATM Machine Graphical User Interface Program using JAVA jdk toolkit

**Certifications & Driving License’s**

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| --- | --- |
| Programmable Logic Control (PLC) | 3Months (Punjab Skill Development Foundation) |
| Solar Photo Voltaic Training | 3Months (Punjab Skill Development Foundation) |
| IOSH Safety Training | 3Months (ISRA University) |
| IELTS 6.5 Academic | British Council |
| IT Computer Skills & Spoken English | 3 Months (Civil College of Commerce) |
| UAE & Pakistan Driving License | Emirates Driving and Rawalpindi Traffic |

**PROFESSIONAL PROFILE**

Electric Machines, Circuits Data Communication and networking

Power distribution and utilization Project planning and management

Control Systems & Electronics Engineering Economics Database management system Digital Signal Processing and Systems

Digital Logic Design Algorithms and Data Structures

**COMPUTER SKILLS & LANGUAGES**

**1.** MS OFFICE **2.** AUTOCAD 2D/3DElectrical

**3.** Well versed in PROTEUS 7.0 **4.** MATLAB Keil u vision, Simulink **5.** SQL10.TypinpSpeed of 38wpm **6.** C++, Java OOP

**7.** Packet Tracer, **8.** Dialux Evo

**8.** PLC logic pro, GX Developer, Microvin S700

**KEY PERSONAL COMPETENCIES**

**1** Ability to work effectively and productively in teams.

**2** Strong communication skills, both written, oral and presentation.

**3** Excellent planning skills.

**4** Problem solver with a keen analytical mind.

**PERSONALINFORMATION**

Father’s Name : Dildar Hussain (Late)

Marital Status : Single

Date of Birth : 18-03-1993

Nationality : Pakistani