

# MUZAMIL ARSLAN

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## TECHNICAL SKILLS

Well-rounded, Tech-Savvy, Electrical Engineering graduate possessing the following technical and interpersonal skills:

- Problem Solving
- Research / Report Writing
- Planning and Organizational Skills
- Meeting Deadlines
- MATLAB, VB.net
- Proteus, Multisim and AutoCAD (Basic) VMware
- Workstation 11.0, Cisco Packet Tracer 7.0 Word, Excel, PowerPoint & OS Handling, Networking

## ACADEMIC QUALIFICATIONS

**Government College University, Lahore.**

2013-2017

CGPA: 3.10/4.00

**Sc Electrical Engineering**

**Punjab College of IT, Multan.**

2010-2013

Marks Obtained: 923/1100

**Pre-Engineering**

**Nishat High School, Multan.**

2008-2010

Marks Obtained: 954/1050

**Matriculation**

## FINAL YEAR PROJECT / ACADEMIC PROJECTS

### ✓ **Radio Frequency Identification Based Security System.**

2016-2017

- Successfully developed an RFID Based Security System - An Embedded System in which RFID Reader displays the stored database information when comes in vicinity of the RFID Tag.
- The Project implemented through networking on different computers using Windows Server 2003

### ✓ **Other Academic / Semester Projects**

- **Low Voltage UPS with Backup Control Auto shutdown** - 12V input with power of 36 W providing 3A current to the load. It shuts down automatically upon reaching a below discharge level of 10% to provide the extended battery life.
- **Countdown Timer with DC Motor Control** - Upon reaching the pre-set value of the timer, the circuit allows the current flow to turn on the DC Motor which can be used to open a gate.

### ✓ **Communication and Computer Networks**

- Communication Systems, Buck Boost Converter Implementation and other Matlab Projects.
- **Computer Communications Networks (CCNA)** - Worked on Cisco Packet Tracer with Cisco Router 3000 Series and Switches for configuration, IP Addressing, Dynamic IP and Static IP using Ethernet Ports.
- **Windows Server Configuration** with Active Directory, Distributed File System and Networking.
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## INTERNSHIP & EXPERIENCE

**Field Service Engineer (IT and Electrical Engineer) – Industrad Group Lahore (Industrial Engineering and Consultancy)**

**May 2018 – Till present**

- Working as a Field Electrical and IT Engineer providing Security Solutions as RFID Access Control Systems, warehouse management and Asset tracking System.
- Designing Solar System to work only via DC System with greater reliability minimizing the conversion losses in the circuit.
- Technical Report writing on Various experimented equipments
- Costing and evaluation of different electrical items and working analysis.

**Intern - National Transmission and Despatch Company, Lahore (6 weeks)**

2016

- Worked with the Technical Services Group of the company which provides Emergency Maintenance Service and locates the Fault line as early as possible to minimize the damage at the Grid Station.
- Visited PEL's Instrument and Equipment testing laboratory at the Maintenance Factory.
- Visited Gas Insulated Grid Station and its Control Room, Operating at 220KV Power line.
- Understanding the Single Line Diagram for distribution of the Electrical Power.

**INTERESTS/HOBBIES**

- Computing /Networking – Provide techniques to solve intermingled connections with power of reasoning.
- Surfing Internet - Provides proficiency in assessing your immediate environment and to enhance skill set.
- Video Gaming – Keeps focused and determined.
- Socializing – Keeps connected, patient and signifies communication skills

**LANGUAGES**

- **English.**
- **Urdu.**