

**Muhammad Sarmad Hashmi**

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**Academic Qualification:**

**Degree Institution Year**

**BS-Electrical Engineering HITEC University Taxila 2015**

**High School Govt. Zamindar Postgraduate College, Gujrat 2011**

**Secondary School Al-Aqeeq International School, Madinah, KSA 2009**

**Relevant Work Experience:**

### **Organization: [Nayyer Industries](http://nayyerindustries.com/) , Gujrat.**

**Tenure: june 2017 to date**

**Designation: Assistant Electrical Engineer.**

**Responsibilities:**

* Installation of different VFD (Variable Frequency Drive) operated motors
* Installation of VFD (Variable Frequency Drive).
* Wiring and Connections of [DC Motor](http://electrical-engineering-portal.com/motor-types-electric-industrial-drives" \l "dc-series-motor)s & AC Motors.
* Working on Power Panels and Control Panels.
* To find out faults in carpet manufacturing machines using their drawings.
* Worked on Star-Delta Connections of Heavy Motors.
* Installed new units of carpet manufacturing machinery & Fiber making plant with electrical installation and maintenance team.
* Worked in Power house and main transformers of factory(earthing & routine maintenance)

**Organization: S.A Electronics, Lahore**

**Tenure: October 10, 2016 to April 8, 2017**

**Designation: Electrical Supervisor**

**Responsibilities:**

* Working in Low Tension and Control Panels.
* Working on Distribution boards (DB).
* Installing tube lights and electrical equipment in newly constructed buildings.
* Study of Control and Power Drawings of Machines.

**Organization: Arshad Institute of Technology, Gujrat, Pakistan**

**Tenure: January, 2016 to July, 2016**

**Designation: Instructor Electrical**

**Responsibilities:**

* Have taught a variety of courses.
* Especially, Protection of Electrical Systems; Basic Electronics,
* Tried to maintain friendly attitude with students in order to encourage learning.

**Organization: Service Industries Limited, Gujrat, Pakistan**

**Tenure: September 22, 2015 to December 15, 2015**

**Designation: Internee at Electrical Department of Factory**

**Responsibilities:**

* To solve electrical problem of machines in production unit during working.
* Ability to work as team or independently and establish coordination between team members at all levels.
* To understand the wiring of different machines with help of wiring diagrams.

**Major Courses:**

* Engineering Management
* Electrical Power Systems
* Power Electronics
* Electrical Machines
* Embedded Systems
* Electronic System Design
* Electronic Devices & Circuits
* Instrumentation & Measurement
* Wireless Communications
* Digital Signal Processing
* Linear Control Systems
* Computer Communication Networks

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**Final Year Project:**

* GSM based Vehicular Security System using Aurdino Mega 2560 board and GSM shield supporting SIM 900 module. During my project I successfully communicated with the vehicle containing security system prepared by me and my team members.

**Computer Skills:**

* MATLAB, Proteus, Microsoft Visual studio, Xilinx.
* MS-Office (Power Point, Excel, Word), AutoCAD.

**Interest:**

Travelling, Reading books and Sports.

**Reference:**

Will be furnished as per requirement.