# C:\Users\fj-student\Desktop\huzaifa 2 editted.jpgHuzaifa

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## Electrical Engineer

# Professional Objectives

Obtain a full time challenging position in a competitive technological organization where my educational and work experience can have a profound impact, resulting in the growth and productivity of the organization.

# Profile Summary

I'm Electrical Engineer with deep understanding of electrical systems, I have completed six weeks internship at Pakistan Petroleum Ltd, during the internship I got skills in commissioning and testing of generators, MV & LV bus bar protection mechanisms, SLDs, PLC, SCADA and other devices installed on new process plant. I have also six months of training in designing and R&D for automation products from Jolta Technologies and I'm also familiar with management issues and lead a product development team at Jolta Technologies as I was appointed as product development team leader after my excellent performance in training.

# Education

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Degree | Institution | Major Subjects | Marks/CGPA | Year |
| Bachelor of Electrical Engineering | MUST University AJK | Power Electronics, AC & DC Machines. | 3.8/4.0 | 2016 |
| Intermediate | Muhammadan College | Physics, Math,  Chemistry. | 864/1100, 79% | 2012 |
| Matriculation | Muhammadan College | Biology, Physics, Maths, Chemistry. | 853/1050, 81% | 2010 |

# Work Experience

## 1: Jolta Technologies 01 Sep, 2017 to 30 Sep, 2017

**Worked As:** Product Development Team Leader

As a team leader I have:

* Managed R&D team which was working on products named Wi-Fi Socket and Wi-Fi Switch Board.
* Lead the team for resolving issues during prototype testing and implementing improvements.
* Carried out communication with supporting teams/departments.
* Resolved issues in ‘BUB-Fi’ (RGB LED Product of Jolta technologies) related to performance and connectivity with routers and mobile over Wi-Fi, for this purpose I have removed bugs and made improvements in hardware coding.
* Encrypted communication of devices by using third party libraries.

## 2: Jolta Technologies. 01 March, 2017 to 31 Aug, 2017

**Worked As:** Engineer in Training

I have completed training for:

* R&D of home automation (internet of things) devices.
* Programming of Arduino and Wi-Fi enabled microcontrollers like ESP8266 and ESP32.
* Integrating sensors like humidity, temperature, IR, gyroscope, accelerometer and relays with these microcontrollers and designing circuits.
* Setting up MQTT broker /server and programming clients/devices to communicate over web using this server.

Achievement:Based on performance, hired as R&D team leader by Jolta Technologies on the completion of the training.

## 3: Pakistan Petroleum Ltd 04 Aug, 2015 to 09 Sep, 2015

**Worked As:** Internee Engineer

During internship, I have closely monitored and observed/learned about commissioning and testing of:

* Gas power generators, detectors and alarms.
* Programmable logic controller.
* Distributive control system.
* Supervisory control and data acquisition.
* Switch gears and soft starters.
* Variable frequency drive, protection devices.

After my internship I was fully aware of basic concepts and working of these systems, test conducted after commissioning and understanding of SLDs.

## Final year project:

### Design of power theft monitoring system using power line communication and net metering scheme.

All the consumer meters communicate with the main transformer meter through the power line. Power out of transformer and sum of power consumed by authorised customers plus line losses are compared. In this way hooking and meter tempering is detected and monitoring authorities are informed.

# Skills

* Word
* Matlab
* Proteus & Eagle (PCB Design)
* Arduino IDE & Hardware
* C++
* ETAP
* AutoCAD
* Familiar with windows 10, 8 & 7
* Home automation
* MQTT protocols
* Wi-Fi enabled microcontrollers (ESP12E & ESP32)

# Awards/Achievements

* **Winner** of module Battle of Minds in state level event MUSTIVAL, 2014.

MUST university, AJK.

* **Winner** of Robowars competition in national level event (National Electronics Olympiad), 2015.

Ghulam Ishaq Khan University. KPK Pakistan.

* Got **3rd place** in module Robowars in national level event (IEEE WEEK), 2015.

FAST Lahore.

* **Won** annual badminton tournament (2016). MUST university, AJK.
* **Awarded** with Certificate of Supervision by Pakistan Engineering Council. On the behalf of this certificate I’m eligible to work and supervise the construction or operation works related to Civil, Electrical and Mechanical.

# Personal Information

**Nationality:** Pakistani

**Gender:** Male

**Date of birth:** 25 Dec, 1993

**Material Status:** Single

**Immigration Status:** 90 days visit visa

**City:** Dubai **Area:** Deira

**Postal Code:** 25570 **Country:** UAE

# Hobbies/Interests

* RC robot building and fighting
* Video Gaming
* Social activities
* Badminton
* Cricket
* Travelling

# Language Skills

**English:** Advance Level

**Urdu:** Mother Language