

# **MARIYA KANWAL**

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## **SUMMARY**

Dedicated and dynamic Telecommunications Engineer, graduated from Dawood University of Engineering and Technology Karachi. I would like to use my abilities to become a very good, respectable professional engineer. I am confident to fulfill my vision and possess the necessary skills to excel as a graduate.

## **EXPERIENCE AND SKILLS DEVELOPED CERTIFICATIONS**

- Cisco Certified Network Associate (CCNA) In Routing & Switching.
- Cisco Certified Network Professional (CCNP) In Routing & Switching.
- Departmental certificate of participation on (CCNA-Fast Track).
- Telecom Project & Operations Management (Cellular GSM, 3G, 4G, LTE).
- Interaction of CDMA Technology (MSC, BSC, WLL) in collaboration with PTCL & Huawei.
- Departmental Seminar of Electronic Circle (Automation & Control, Networking & Wireless Technology).
- Educational Conference on the topic of (Cognitive Radios).
- Computer Literacy Program (MS Office, MS Word, MS Excel, MS Outlook, MS Power Point, Computer-Aided Design (CAD) & Internet). • Linux CentOS Installation and Commands; brief.

## **EXPERIENCES**

- |    |  |   |
|----|--|---|
| 1. | <b>Company Name:</b><br><b>As an employee:</b><br><br><b>Duration:</b> | <b>Master Net.</b><br><b>In below mention designations;</b> <ul style="list-style-type: none"><li>• <b>A.M Support &amp; QA</b></li></ul> <b>Since July, 2021 to Present</b>                    |
| 2. | <b>Company Name:</b><br><b>As an employee:</b><br><br><b>Duration:</b> | <b>eBONE NETWORK (PVT) LTD.</b><br><b>In below mention designations;</b> <ul style="list-style-type: none"><li>• <b>Coordinator COO Office</b></li></ul> <b>Since April, 2017 to June ,2021</b> |

3. **Company Name:** FIBERLINK PVT LTD.
- As an Employee:** In below mention designations;
- Quality Assurance Executive (QAE)
  - Corporate Support Engineer (CSE)
  - Monitoring Officer
- Duration:** Since April, 2016
4. **Company Name:** PAK TELECOM COMPANY LTD. (PTCL)
- As an Employee:** In below mention designation;
- Customer Support Executive (CSE)
- Duration:** 06 Months
5. **Company Name:** Pakistan Telecommunications Company Limited (PTCL)
- As an Internee:** In the following departments;
- Transmission
  - Switching
  - Wireless Local Loop (WLL).
- Duration:** 02 Months (April 2014 to June 2014).
6. **Company Name:** Pakistan Civil Aviation Authority (CAA).
- As an Internee:** In the following departments;
- Equipment Control Region (ECR)
  - Radar
  - Message Handling.
- Duration:** 15 Days (December 2014).

#### EXTRA CURRICULAR ACTIVITIES

- 2012 - 2014 Teaching at school.

#### SKILLS DEVELOPED:

Gained experience in organizing events and liaising with companies to give educational talks at the university. This position also built great confidence, speaking skills and working skills.

- 2014-2015 Group Leader of Final Year Project (FYP)

Team work, Communication, Dedication and Hard work

## **EDUCATION**

**2012 – 2016**

**Dawood University of Engineering & Technology (DUET), Karachi.**

BE (Telecommunications).

With (1<sup>st</sup> Division) & (CGPA '3.39')

**2010 – 2011**

**Higher Secondary School.**

Sir Syed Government Girls College

With Grade 'B' (69.27%)

**2008 – 2009**

**Secondary School.**

Liaquat Memorial Sec. School With  
Grade A-One (84%)

## **CORE EDUCATION**

- Wireless transmission
- PSTN(Public Switched Telephone Network)
- IP TELEPHONY
- SIP (Session Initiation Protocol)
- Microsoft information technology
- Networking
- IOT(Internet Of Things)
- VOIP(Voice Over IP)
- Open source Asterisk PBX
- 2G,3G,4G
- Satellite
- Radar

### **TITLE OF FINAL YEAR PROJECT (FYP)**

“Development of GSM based communication system for sector antenna control”.

### **BRIEF DESCRIPTION OF PROJECT**

“For an engineer the method of obtaining results is an important as the results”.

Keeping this in view we intend to introduce an idea of Wi-Fi Sector Antenna Footprints, By sending an SMS through a mobile we tilted the direction of Wi-Fi sector antenna (up & down or left & right), where we had heavy population such as Stadium, Airport etc. When there are lots of people who are using cell phones at a time than our strength of signals decreases at that time. Our motive is to provide; Best Signal strength, No call drops, always-on connection with low cost as using WIFI sector antenna. The hardware of our

project consists of a Mobile Phone, GSM Modem, Main Board, WI-FI Sector Antenna, Bipolar Stepper Motor, Driver and transformer. This project covers hardware designing and signal transmission by antenna. The software operation is controlled by GSM modem (SIM 900A) and Arduino (Mega 2560).

### **PROGRAMMING LANGUAGES**

- C++
- Packet Tracer
- MATLAB

### **INTEREST AND PERSONAL INFORMATION**

I enjoy reading, listening to music, painting, helping out at the local community centre by doing volunteer work and spending time with my family. I love playing with musical instruments and electrical circuits and have a hobby of fixing electrical equipment at home.

### **KEY SKILLS**

Good communication skills, Team work, Punctuality, Friendly, Love to learn about new cultures and travelling. Complete understanding of business skills and employability also fluency in English language.

Address: House # 264, Sheet # 06, Block-N, Shah Walli Ullah Nagar, Sector 11<sup>1/2</sup> near Mehar Lawn, Orangi Town, Karachi.

Nationality: Pakistani

Languages: English and Urdu

CNIC: 42401-4216154-6

Marital Status: Single