Muhammad Adil Shaikh

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OBJECTIVE

A proficient, dynamic and competent Electrical (Telecommunication) Engineer seeking a career in an organization that will aid in enhancing my professional skills. The ultimate goal is to sustain prevailing technologies, invest my expertise to alter them and discover new ones in the field.

JOB EXPERIENCE

Helpdesk Engineer (Level 2)   May 2019 – Currently working
StormFiber

Key responsibilities
- Providing Outbound Call support to customer queries and responding them on emails relating to their concerns some of them are mentioned below
    - Slow Browsing & High Latency issues
    - VoIP Basic Troubleshooting.
    - SMTP outgoing emails issues.
    - Creating and escalating Fiber Related complains to Field operations.
    - Escalating customer concerns to NOC.
    - Troubling shooting Huawei ONT (8247H, HG8546M).
    - Providing on call support for connecting Access Points (AP).
- Worked on Huawei NMS (U2000)

RAN (Radio Access Network) Supervisor (Contractual)   Nov 2017 – June 2018
Ericsson (JAZZ Project)

Key responsibilities
- Link Commissioning and Configuration
- Traffic Shifting on WAN (Wide Area Network)
- VLANS configuration
- Warid and Mobilink Site Dismantling
- Baseline Upgrade
- Redundant NPU installation
- Checking the Traffic Status before Dismantling
- Radio Swapping activity
- MMU Cards Configuration
- Installed and Configured AMM 2P, 6P and 20P
- Sites Rectification.
- Traffic Routing
- Check Report and Inventory before and after hardware replacement
- Asset tagging on newly installed equipment's.
- Ping Testing of New Links

Helpdesk Engineer (Level 1)   Sep 2017 – Nov 2017
Storm fiber

Key responsibilities
- Providing In-bound Call support to customer queries.
- Complain Generation and Escalation to concern departs.

Project Research Assistant (Contractual)   Aug 2016 – Nov 2016
Bahria University Karachi Campus

Key responsibilities
- Image Processing
- Networking
- IP Camera Configuration on LAN, WAN and MAN

INTERNSHIPS

Trainee/ Site Engineer   March 2017 – June 2017
Relacom Services (PVT) Limited

Key Responsibilities
- ZTE (Telenor)
    - Installation, Commissioning and Integration of RBS, BBU ZXSDR B8200, ZXSDR R8862
    - Technical Support of Field Maintenance Team
    - Trouble shooting of internal and external alarms
    - Site Quality and Rectification
- Ericsson (Zong) Transmission.
    - Link Configuration and Commissioning using MINI-Link craft 16A
    - Node trouble shooting
    - Link installation supervision
    - Pre-ATP (Acceptance Test Protocol)
    - Site Quality and Rectification.

Network Engineer   Jan 2017 – Feb 2017
Multinet Pakistan Private Limited (MPPL)

Key Responsibilities
- Deployment of new connections to customers.
- General Architecture of SDH and DWDM.
- Preemptive maintenance of nodes.
- Overview of NOC.
- Basic knowledge of NMS (Network Management System).

Trainee Engineer   July 2015 – Aug 2015
Energy Solutions Private Limited (ESL)

Key Responsibilities

- Deployment of Gas and Diesel Generators.
- Maintenance
- Synchronization of Generators.

Trainee Engineer   July 2014 – Aug 2014
Naval Precision and Electronics Complex (NPEC)

Key Responsibilities

- Introduction to Quality Management System
- Printed Circuit Board trouble shooting Techniques
- Electronic Component Identification and testing
- Soldering / De-soldering techniques on Printed Circuit boards (PCBs).
- Fault Diagnosis through comparative testing on PCBs.
- Fault Diagnosis through Automatic testing Equipment (ATE) of PCB.

ELECTIVES and MAJOR COURSES

- Wave Propagation and Antenna
- Telecom Transmission and Switching
- Digital Communication Systems
- Digital Image processing
- Mobile Communication

QUALIFICATION

Bachelors in Electrical Engineering (Telecommunication) in 2016   CGPA 3.05
Bahria University Karachi Campus

Intermediate (Pre-Engineering) in 2012   "B" Grade
Government Jinnah College Nazimabad

Matriculation (Science) in 2009   "A" Grade
The Educators

PROJECTS

- **POWER MONITORING AND MANAGEMENT SYSTEM**   (Final Year Project)
- **Microcontroller AT89S52 trainer board** with an application of DC Motor rotation in clockwise and counter clockwise using assembly language   6th Semester

- **Image, Video and Audio Processing** using MATLAB   6th Semester
- **Android Controlled Wireless car** using Arduino Rev3   5th Semester
- **Web and FTP (File Transfer Protocol) server**   4th Semester

COURSES AND CERTIFICATION

- **Cisco Certified Network Associate (CCNA)**   Certified
- **Linux Essentials**   Training Completed
- **MCSA Server 2012**   Training Completed
- **Embedded Application Designs workshop with RASPBERRY PI** on 21st February 2015 at Bahria University Karachi Campus
- **AVR ATMEGA328 based Embedded Project Design Workshop** from 13th to 23rd January 2014 at Bahria University Karachi Campus
- **Certification in information technology (CIT)** in 2009

SKILLS

- **Hardware skills**

    o Printed Circuit Board (PCB) designing.
    o Basic Electronic Components Identification and testing (intermediate)
    o Printed Circuit Board (PCB) basic fault identification.
    o Arduino interfacing (intermediate)

- **Software**

    o Cisco Packet Tracer
    o Arduino Programming (intermediate)
    o MATLAB (intermediate)
    o Proteus (Intermediate)
    o IP camera configuration on LAN,WAN

- **IT skills**

    - MS-OFFICE
        o MS-Word (Intermediate)
        o PowerPoint (Intermediate)
        o MS-Excel (Intermediate)
    - Computer hardware Installation
    - Windows Installation

- **Instruments**

    - Digital Multi-meter (intermediate)
    - Oscilloscope (intermediate)
    - Function Generator (Intermediate)
    - Bluetooth Module HC-05
    - ACS-712 Current Sensor
    - Arduino MEGA and Arduino UNO

ACTIVITIES & INTERESTS

- Manager Volunteers at Bahria Innovative and Technological Society(BITS) from (2015-2016)
- Designing PCB (Printed Circuit Boards).
- Indoor games
- Arduino programming (intermediate).
- Cisco Networking practice on Cisco Packet Tracer.