

# BASIT ALI

B Sc Engineering ( Electrical Communication)

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## Personal Information

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## Objective:

To utilize my technical skills for achieving the target and developing the best performance in the organization. I would like to implement my innovative ideas, skills and creativity for accomplishing the projects.

## Core Qualifications:

- Expert understanding of internal network infrastructure and telecommunications technology
- Strong grasp of electrical engineering techniques and principles
- Excellent operational knowledge of system design and implementation
- Outstanding abilities with Microsoft Office MATLAB Lab View CAD and C++
- Works well both autonomously and in groups
- Sound skills in preliminary electrical design and contract drafting
- High abilities in developing and evaluating complex engineering projects
- Good organizational and time management skills

## Internship:

### **Peshawar Electric Supply Company in internee for year 2018: June-18 to Sep-18**

- Managed all aspects of project processes.
- Maintained records of all technical experiment design and results.
- Resolved design and development issues in coordination with supply and design teams.
- Conducted product measurement and recommended changes as needed.
- Ensured that all performed work was in compliance with ES&H guidelines and requirements.

### **Pakistan Telecommunication Company Limited in internee for year 2017: June-17 to Sep-17**

He worked in different fields which are the following.

- CMR End Application (Siebel Application).
- Customer Care .
- OSP (Outside plant)
- Broad Band
- Switching.

## Professional Experience:

### DTS Of Company Islamabad:

#### **Rf Associate Engineer-DAS Technology Service December 2022-Present**

- Design Distributed Antenna System(iDAS\oDAS) network for Carriers Using iBwave Propagation tool for high -Capacity venues.
- Identified areas with weak macro- Coverage by Pre\post processing site walk information such as RSRP, RSRQ and SINR and strongest cell identity for all major carriers.
- Ensure that network elements comply with industry standards.
- Support special projects and initiatives as needed.
- Develop standards for network design, specification, and system integration.
- Perform regular network analysis, auditing and evaluation of network performance.
- Design develops, implements, maintain and oversee communication system ,including equipment ,network and network systems.

### Telenor company in works for year 2019:

- One Year of experience in complete installation maintenance and acceptance of (IDU) indoor unit and (ODU) outdoor unit.
- Supervised the installation, commissioning, troubleshooting and expansions of Hawaii BTS (3900, 3012).
- Implemented 2G rollout installation, and 3G & 4G expansions including indoor and outdoor sites.
- Carried out media shifting and patching and enabled all new equipment with limited swap timing.
- Configured and patched alarms of new BTS generated all new and old alarms.
- Integrated the site and ensured to make First testing call, completed task within limited time.
- I will be concept on the Nokia system of indoor unit for main circuit barker LLVD1, BLVD, SPD, CSU & Modules
- I will be concept of outdoor unit on the RFM are different frequency used by FXJB (communication of voice), FXED (2G), FXCB (3G), FRGU (4G) &FPFH (is used by power distribution).

## **Troubleshooting:**

- Verified alarm generation of Indoor , Outdoor, end to end patching of all alarms.
- Troubleshooter various BSS and transmission issues such VSWR, Sector swapping, power testing.

## **Projects:**

- Perform Semester Projects.
- In this project we introduced the Concept of biometric System through IoT which attendance and Equipment's will be Controlled automatically.
- Final year Hardware Based Projects.
- Computer Lab Automation Using IoT (Internet of things)

## **Computer and Languages Skills:**

- MATLAB
- C++
- Internet of things ( Io T)
- Arduino IDE ( Integrated Development Environment )
- NI Multisim
- Simulink
- Keil u Vision
- Cisco Pack
- PCB(Printed Circuit Board)
- Wind Console
- Gladiator

## **Academic Record:**

Degree	Department	Year	GPA\Percentage	Board/University
Bachelor (B. Sc Engg)	Electrical Engineering	2018	3.05/4	University of Engineering and technology Peshawar, Pakistan
Higher Secondary school Certificate (H.S.S.C)	Pre-Engineering	2014	72.18%	BISE Peshawar
Secondary School Certificate (S.S.C)	Science	2012	67.61%	BISE Peshawar

## **References:**

**Name**

Dr.Imran khan

Engr Salman Saleem

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