



Muhammad SAEED AKRAM

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Objective

To continue my capability growth and business sustainability by bringing cost effective and efficient results.

Professional Experience

1. RF-Engineer(Planning and Optimization) at Telenor, Pakistan.



Worked as **RF-Engineer** (Officer level) at **Telenor, Pakistan**. I used to look after 2-Clusters i-e Fatehjang and Barakahu, containing **2G, 3G** and **4G** sites in the region of **North-1** based at Head Office.

2. Project Engineer (Maintenance, Installation & Upgradation) at Total-Parco Pakistan Ltd.



To contribute in the global vision of the organization, which is to reduce OPEX and bring efficiency in the operations, my projects were related to **Optimization and Sustainability** (Energy Conservation) at **Machike Bulk Oil Depot**.

Following are the key achievements and projects during the role;

- Responsible to ensure that “**Preventive Maintenance Calendar/Schedule**” is updated for the depot/site.
- Depot’s load calculations and loss tracking.
- Feasibility submission with NPV calculations on the replacement of boundary and street lights by introducing green energy solutions.
- Solar light Model Installation at Machike site.
- Installation of VFDs with Pumps/motors to reduce OpEx.
- Development of Shift Staff by trainings on safety and awareness in usage of electronic appliances safely and efficiently.

3. Operations Intern at OGDCL



Worked as an intern in the **Instrument and Telemetry** department of the **Chanda Oil Fields**, also worked in **Process&Plant(P&P)** section at **Head Office building, Blue area, Islamabad**.

Following are the key achievements during the role;

- Developed excel data base and deployed visual controls for process centerlines on the sensors.
- Instruments (Flow meters, Pressure sensors and Temp indicators) calibration during shutdowns and progressive maintenance completion tracking.
- Feasibility and data collection to replace all the Analogue sensors with digital and connection with control room HMIs.

4. Manufacturing-Operations intern at POF.



During my internship at **POFs**, I worked in the four departments/factories which are **Brass Mill, SA, MA and R&D**.

Internship’s objective was to control the material utilization variance; following was key achievement during the role

- Developed reconciliations sheets with Scrap and finished discs QTYs tracking.
- BOMs were modified to keep WIP into account at weekly and monthly reconciliations.

Academic Qualifications



- **UiT-Norges Arktiske Universitet**
Masters in Electrical Engineering (2017-2019)



- **University College of Engineering & Technology, IUB**
Bachelors in Electronic Engineering (2010-2014) CGPA: 3.11/4.00
 - Fully funded four year scholarship by **Ministry of IT, Pakistan.**

University Projects

- Control Strategy For Powered Ankle Foot Prosthesis. (**Final year Project**).
- Made “Reflex Action Game” using DLD
- Designed and implemented “control angle for servo motors”
- Presented research based work on “difference b/w ipv4&ipv6.
- EDFA-WDM Optical Network Analysis .
- Designed Quazi Antenna Operating at high frequency(THz) using CST-Studio.

Activities

- Volunteer work at “**Winter Festival-2018 in Narvik**” in Technical department.
- Elected **Secretary-General** for **International Student Union(ISU)** at **UiT-The Arctic University of Norway.**
- Volunteered at 3D-SPACE, UCE&T.
- 6 to 8 hours of community work per week.
- Finance Director for “Dramatic-Club, IUB”.
- Volunteered In “Taray Zameen Par” organized by Pakistan Bait-ul-Maal.
- Participated in the survey on reasons of backbone problems.
- Worked as an Ambassador for procom.net, NUCES.