



# NASSER ALHULAIL

Technical & Vocational Training Corporation:

Bachelor's Degree in Network Engineering Technology, SEC Membership ID: 781407

## Summary:

Over ten (10) years of experience in the field telecommunications design and implementation phases (Networks, Radio, OSP, and Civil)

8.6 years of experience in Saudi Aramco telecommunications facilities with several telecom consultancies projects.

2.0 years of experience with Integrated Telecom Company (SALAM) in 5G projects.

## Courses:

**Project Management Professional**  
PMI – PMP, 35 Study Hrs. (Attendance)

**5G RF Planning and Design** (Attendance)

## Details:

**Gender:** Male

**Birthday:** 11-4-1993

**Nationality:** Saudi

**Language:** English, Arabic

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## Objective:

To obtain a Lead Engineer/Manager position with a telecom organization, which allow me to improve my skills and support team to improve to make a difference.

## Experience:

### Project Engineer - Integrated Telecom Company SALAM

| Sep 2021-Present

- Coordinating with multi departments (Commercial, Engineering, Implementation, and Operation) to achieve the organization objectives and KPIs.
- Leading multi contractors to ensure installation & dismantling:
  - Customer Guide Poles & Towers
  - Cable Trench
  - Gantry Post
  - Cable Tray
  - ROXTEC
  - Cable Ladder
- Develop engineering documents and process's:
  - Change Request (Site Access, TCN, MDT)
  - Material Purchase Requisitions.
  - Job Completion Report (JCR)
  - Method of Procedure (MoP)
- Experience with SALAM (Implementation):
  - SALAM 5G project interface
  - Scheduling RFI plan
  - Reviewing RFI reports
  - 5G Project backlog owner
  - Solving access issues
  - Observing on RFI reports
- Management Skills:
  - Planning
  - Communication
  - Managing
  - Creating Procedures
  - Team Leadership
  - Scheduling
  - Problem-solving
  - Coordination
  - Decision Making
- Designing and developing civil layouts using AutoCAD & Microsoft Visio.

### Telecommunication Designer I - WorleyParsons Engineering Consultancies

| July 2013-Sep 2021

- General telecommunication systems vision, experience with data network, telephone, wireless, radio, and OSP systems.
- Experience in IT and onshore oil & gas facilities networks.
- Advantage experiences and ability for site survey.
- Participate in OSP site survey (Fiber Patch Panel, FOC length, and sites coordinates)
- Participate in TETRA radio system equipment's enhancement.
- Measure the outdoor TETRA radio signal by using spectrum analyzer.
- Comparing between the measured outdoor & indoor signals and the measured to determine the signal loss that caused by the wall type and thickness.
- Applying the client comments to develop the drawings.
- Understanding and following quality procedure.
- Adept in AutoCAD 2D & basics of 3D, MicroStation V8, V8i and CONNECT editions.
- Design data network drawings:
  - Overall Logical Diagram
  - Wiring Diagram
  - FOC Allocation
  - Block & Level Diagram
  - Rack Face Elevation
- Develop engineering documents:
  - Document Control List
  - CRM
  - Material Take-Off
  - Site Survey Report

### IT Co-op Trainee - WorleyParsons Engineering Consultancies

| Apr 2013-Jun 2013

- Troubleshooting problems related to network, hardware and software.
- Implementing and configuring TCP/IPv4 service.
- Installing configuring workstation operating system.

## **Achievements:**

### **Quality Procedure:**

Increased the acceptance percentage into 95% due issues decreased via double checkers quality procedure.

### **Suppliers Evaluation:**

Dedicate SLA between the client and suppliers to avoid the delay in the implementation process, handover yield to points system which increased the quality and fast delivery.

## **Knowledge:**

- Knowledge and understanding of data network equipment's connectivity and implementation.
- Understanding the concept of:
  - IPv4 addressing and subnetting.
  - OSI and TCP/IP models.
- TCP and UDP transmissions.  
Understanding the basic concept and configuring of:
  - Static Routing, Dynamic Routing (RIP, EIGRP, Single Area OSPF and BGP).
  - L2 and L3 VLANs communication.
  - DHCP Server and Relay agent.
  - STP operation, root bridge and port channeling.
  - PPP and PPPoE connections.
- Understanding the concept and implementing of data center network and protocols (Nexus 7K, 9K):
  - VXLAN communication.
  - Fabric extender.
  - Fabric path implementation.
  - Virtual Port Channels.
  - Overlay Transport Virtualization.
- Understanding the concept and implementing data center storage infrastructure (DAS, NAS and SAN).
- Understanding the physical and logical design of IoT.
- Understanding and offering the IoT servers and cloud.
- Implementing and configuring iSCSI target and initiator.
- Implementing Active Directory Domain Services.
- Implementing Group Policy.
- Installing and configuring and troubleshooting the network policy server role.
- Experience with using virtualization applications such as VMware, VirtualBox and Hyper-V.
- Basic understanding, analyzing and programming HTML, CSS, JS, and Python languages.
- Designing web forms using Microsoft Visual Studio with bootstrap framework.

## **Technical Skills:**

- Troubleshooting problems related to network, hardware and software.
- Installing, configuring, and administrating Microsoft 2003, 2012, and 2016 servers.
- Installing, configuring, and administrating Microsoft exchange server 2013.
- Installing configuring and manage virtual network systems environments.
- Implementing and configuring TCP/IPv4, DHCP, and DNS servers.

## **Personal Skills:**

- Knowledge and good experience with Microsoft Office Word and Excel.
- Proactively working as a member of a team.
- Active questioning & listening skills.
- Ability to work under pressure.
- Excellent problem resolution skills.

Projects Background:

Worley Parsons Company:

Proposal Design Projects:

Offshore upgrade security project, (403014-08027)	2013-2014
SABIC YANBU CCR, (203012-00062), (SABIC)	2013-2014
Southern Area – HARADH & HAWIYAH, (BI-10-01996-BI-10-02029)	2016-2018
Southern Area – SHEDGUM & UTHMANIYAH, (BI-10-00631)	2018-2018
Debottleneck onshore plants SAFANIYAH, (BI-10-00631)	2019-2019
SAFANIYAH offshore CCTV upgrade, (413015-00037)	2020-2020
Upgrade BLDGS risk-JUAYMAH, (BI-10.01747)	2021-2021
Vessel Traffic Management System, (413011-00932)	2021-2021

Detailed Design Projects:

MA’ADEN, Saudi Arabian Mining Company	2013-2015
FADHILI communication & security system, (BI-10-1900)	2015-2016
Southern Area – (TCF) Temporary Campus Facility (BI-10-01996-BI-10-02029)	2016-2018
Southern Area – HARADH & HAWIYAH, (BI-10-01996-BI-10-02029)	2018-2019
ALKHAFJI Joint Operations – (KJO), (HQ428PC16), (ENPPI)	2018-2018
HAWIYAH UNAYZAH Gas Reservoir Storage – (HUGRS), (BI-10-14224)	2019-2020
King SALMAN Energy Park – (SPARK)	2019-2020
SHAYBAH DPCU, (BI-10-12862)	2021-2021

Integrated Telecom Company (SALAM):

5G Implementation Projects:

SALAM 5G Project Phase 2B, 10% coverage (TAWAL rental sites: 400)	2021-2022
SALAM 5G Project Phase 2C, 30% coverage (TAWAL rental sites: 576)	2022-Present

Customer Civil Implementation Projects:

Customer tower installation projects (120 Poles/Towers), Central, Eastern, and Western areas	2021
Customer tower installation projects (120 Poles/Towers), Central, Eastern, and Western areas	2022
Customer tower installation projects (30 Poles/Towers), Central, Eastern, and Western areas	2023-Present