



Hosam A. Elbayoumi

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Structure Cabling System & Network Design Senior Engineer

Work experience

2015- present

Nokia Siemens Networks – NSN (JV) , Riyadh, KSA STC account

Telecomm Section – NMS
Remedy (TCN – MDT)

Civil Section – WNI Department Projects:

- **4G1**
- 4G3 “FTK” (NEW sites & Modernizations (existing)).
- 4G3 “Early Start” (NEW sites & Modernizations).
- 4G4 “ES” 1 & 2 (NEW sites & Modernizations)
- Ramadan & Hajj scope.
- **USF9** - 4G4 ES3 (Modernizations).
- 4G5 (Modernizations).
- 4G6 (Modernizations).
- 4G7& 4G7 PO2 (Modernizations).
- Coordinate with designer & contractor to issue and submit FDED & PCD till approval & TSSR.
- NFTS Apps (Site info & MOB BOQ upload for Telecom Sites) for Technical & Finance approval.
- Coordinate between STC & designer (NE tools, Access permission, Upload Design, Approved Design, Solve BOQ & MOP issue for Invoice
- Support **USF14** project (survey by Google snapshot).

*FDED (Final Detailed Engineering Design) *PCD (Preliminary Civil Design)

*TSSR(Telecomm Site Survey Report)

NOC dispatcher (2015) – 1 month

- NOC tickets - RTTS (Elect. & power).

Mobily account – Project Engineer (2014) – 3 months

- IPM portal update (On air declaration, Integrating, commissioning... etc).
- Collecting PAT folders from partner.
- Collecting SSV and TAC no..
- Collecting on air declaration folders and submit (share) to customer.
- Coordinate with partner to clean oil's.
- Issue materials PO (TI, Survey) for partner.
- Submit tower load to customer for approval (AARF) and follow to approve.
- Mobily coordinator (Remedy Apps, MDT approval, Access letter, Tower load... etc)
- TSSR: (Telecom Site Survey Report) - Follow partner to issue for approval. - Coordinate with customer to approve.

2011- 2014

ABTCO for contractor– owned business (Executive), Jeddah, KSA
Telecommunication & Network organization

Telecom projects

Hawaii (Telecomm) (Sub-con.)

More than 60 sites (Survey, TSSR)

Ericsson (Telecomm) (Sub-con.)

NSN (Telecomm) (Sub-con.)

Zain (Civil) (Sub- Qutub) (New sites (9 towers) – Western scope)

Zain & Mobily (Telecomm) (Sub- Mobiserv - Eastern & Northern scope)

Network & décor projects

Saaduddin pastry- 2 branches (Survey –RFP – BOQ – purchase materials – first fix – design & execute network with supervision – C.O.C).

Wi-Fi Projects & Networking Division (Fiber cable, UTP cable, CCTV, Access door, Access point,,ETC)
King Abdulaziz University (AP projects with Fiber)

Northern Border University (Arar – Turaif – Raffha') (UTP cable, Coaxial, Fiber)

Royal Commission for Yanbu (AP projects with Fiber)

Gulf International Bank (Meem) (UTP cable, Coaxial, Fiber)

Alnagi motors

2014

TATWEER Co. , Jeddah, KSA

Low Current & Design Engineer Manager

Wi-Fi Projects & Networking Division (Fiber cable, UTP cable, CCTV, Access door, Access point,,ETC)

2012 – 12/12

Full-time project: - Project manager (BinZomah tech.) , Jeddah, KSA

Laith engineering college (Survey –RFP – BOQ – purchase materials – first fix – design & execute network with supervision – labs – workshop room - New PC's – install software – podium – sound system - smart board - C.O.C).

BinZomah tech. – new office (Survey –RFP – BOQ – purchase materials – first fix – design & execute network with supervision – C.O.C). (Fiber cable, UTP cable, CCTV, Access door, Access point,,ETC)

Jazan University project (Survey –RFP – BOQ – purchase materials – first fix – design & execute network with supervision – C.O.C).

- College of Arts & Science - girls section 2nd phase (UTP cable, Coaxial, Fiber) (Ar-ddah).
- College of Arts & Science - girls section (UTP cable, Coaxial, Fiber) (Ad-Darb).
- College of Arts & Science - girls section (UTP cable, Coaxial, Fiber) (Sebia).
- College of Arts & Science - girls section (UTP cable, Coaxial, Fiber) (Abu Arish).

Tiybh University project - 10 labs (35 ea. computer mach.) (décor – furniture – network – English training software)

Tabuk University project

Microprocessor lab – Uni-train materials (Microcontroller) (décor – furniture – network – training) as teamwork.

2011 - 2012

Part-time project: - Project manager (BinZomah tech.)

Jazan University project (Survey –RFP – BOQ – purchase materials – first fix – design & execute network with supervision – C.O.C).

- Workshop (décor – furniture – network - podium – sound system – smart board).
- Meeting hall (UTP cable, Coaxial, Fiber).
- College of Arts & Science - girls section (UTP cable, Coaxial, Fiber) (Ar-ddah).

Tabuk University project

Data center & network organization whole campus and another five area (Alwajh- Debba- Haqel-Tyma- Ha'il). (UTP cable, Coaxial, Fiber)

BT Applied Technology, Jeddah, KSA
Senior Design Network Engineer (Engineering and Design)

Duties involved:

- Attending clients' bids.
- Site surveying and collecting clients' requirements.
- Network infrastructure designing and installation supervision.
- Responsibility of iPatch system for all projects (consultant/designer/installer)
- Data centre infrastructure design.
- Working as Infrastructure cabling & Design engineer for Structured Cabling System "SCS".

Designing, implementing and maintaining in the following fields:

- Understanding/analysing provided drawings
- Getting the total information outlets per each zone (TR "Telecommunication Room")
- Understanding/creating riser cable diagram
- Determining the suitable cables (fiber optic, UTP cable) types to be installed
- Calculating the needed items (modules, cables, patch panels, cabinets, patch cords, etc.)
- Creating engineering sheet (BOQ)
- Locating the Equipment/Telecommunication Rooms
- Taking off the telecommunication outlets
- Measure the UTP average length
- Measure the fiber cable lengths
- Take off the first fix materials and their quantities/lengths
- Preparing W/Draftsman Drawings for the Conceptual Design drawings
- Preparing W/Draftsman Drawings for the Design drawings
- Preparing W/Draftsman Drawings for the Final Design drawings
- Preparing W/Draftsman Drawings for the Design drawings
- Preparing W/Draftsman Drawings for the Builder work drawings
- Preparing W/Draftsman Drawings for the Shop drawings
- Take off the red lining for the As-Built drawings

Projects:

Private villa as Project owner (DATA, IP Telephony, Telephone, Wi-Fi, Intercom, and MATV, Fiber).

King Abdul Aziz Endowment Project; one of the biggest projects among the world implementing several IP services as a designer consultant.

MOI-CF as SCS Team leader.

MOI-UCC as Teamwork.

MOI Extension Phase I as Delegated Team leader.

King Abdullah University for Science & Technology (KAUST) SCS as Team leader.

King Saud University (KSAU) SCS as Team leader.

MOI Phase II as Teamwork.

MOI (Ministry Of Interior) Phase I as Team leader.

Hajj Terminal as Teamwork.

Hajj Terminal support building as Project manager (PPMDC).

Several Projects in Medina as Teamwork.

2001 - 2005

Arabian International Company- AIC (Attiah Group), Jeddah, KSA

Many years of intensive experience in building, maintaining, administrating and troubleshooting networks using Microsoft solutions besides Working as assistance programmer in the field of computer information system and designing automation programs. Designing & operation networks.

IT (EDP) Department (H/W \ S/W System Engineer & Dept. In-charge)

Designing, implementing and maintaining in the following fields:

- Maintenance & Install PC's (Gathering PC's, Install Windows, and SW .., etc.)
- Fix Network (Pull cable (UTP & fiber), Patching, Termination ..., etc.)
- Configure and administer Company web (Assist in design, Fix in server, DNS, Hosting, FTP, etc.)
- HP server's solutions to production phase (H/W & S/W). Building Domains Windows NT, 2000 & 2003, Microsoft clustering, migrating to exchange 2000, MS SQL server,
- Review and analyse active Directory Domain controllers and exchange server's events and provide proper solutions.
- Research and troubleshooting for identified issues
- Investigate possible AD and MS Exchange operation services and recommend enhancement and solutions
- Install, configure and administer AD servers and Exchange servers.
- Troubleshoot OS issues and role out patches and hot fixes.
- Monitor and resolve problems and incidents.
- Support DNS/WINS/DHCP infrastructure.
- Implementing/Updating Web site & Email server.

Personal skills developed:

Skills and Abilities:

- **Analytical thinking:** the ability to understand overall visions, as well as minute details.
- **Organization:** the ability to prioritize work.
- **Leadership:** the ability to inspire team members to execute the plan and successfully complete the project.
- **Communication:** the ability to communicate clearly, effectively, and regularly.
- **Interpersonal:** the ability to develop a relationship with each team member.
- **Problem-Solving:** the ability to anticipate problems, recognize them when they arise, and solve them quickly and efficiently. Ability to work in a busy environment.
- **Time Management:** the ability to prioritize, delegate, and manage time effectively.
- **Human resources:** the ability to interview and choose team members with the proper skills and knowledge.

Training & Courses

2016	PMP
2011	Certified Fiber installation and maintenance (Fibre optic testing) Certified CCNA2 – CICSCO Academy, KSA.
2010	Certified CCNA1 – CICSCO Academy, KSA.
2006	Certified SYSTIMAX SCS DESIGN & ENGINEERING, KSA
2006	Certified SYSTIMAX SCS INSTALLATION & MAINTENANCE, KSA
2006	Certified SYSTIMAX SCS iPatch Design & Engineering, KSA
2003 – 2004	MCSE (Microsoft Certified System Engineer), KSA.
2002	Microsoft Visual Basic .Net
2000 – 2001	Oracle 10i Full course. (Introduction, Procedure & Trigger, Report, Form & DBA), Jordan.

Additional Skills

- Knowledge of fixed wireless Antenna
- Knowledge of OSI, TCP/IP protocols.

Personal Details

- **Nationality:** Palestinian
- **Date of Birth:** Saudi Arabia - Jeddah 29th Oct. 1975
- **Marital Status:** Married (Five Childs)
- **Driving Licence:** Available
- **Iqama:** Transferable

Education

JAN 2001	Applied Science University- Amman, Jordan BSc in Computer Science Graduation Project: “Free Zone in Aqaba, Jordan” Alone with a mark of V.Good.
JUL 2010	College of Telecomm and Electronics – Jeddah, KSA Associate degree of college in Telecommunication technology , grade of Excellent with the second honour degree with a G.P.A of 4.63 out of 5.00

Languages

- Arabic (Mother Tongue).
- English (V. Good). IELTS 5.5 overall