HITHAM FISAL AHMED FUAD
Telecom Engineer

👤 Profile:

I'm a Telecom engineer with high Experience and Qualification Certificates.

Also, I have the qualification required, I'm MSc. Holder on the electronic/telecom engineering with 19 years of experiences in the field with a lot of technical training and projects specially in the TETRA field which I'm working on it since 2004 until now, dealing with multi vendors of infrastructure companies, peripherals, power supply systems, transmission systems…etc. I also have a solid knowledge of IT and networking (wired & wireless). Also, I'm registered as Professional Engineer at the Sudanese Engineering Console. I'm MCSE, MCSA, CCNA, PRINCE2, ITIL, ICDL, Advanced Satcom Professional certified.

I have a solid knowledge on analogue & Digital VHF/UHF systems (Conventional & DMR) from many systems like Motorola CDR-500, GR-500, DR-3000, IDAS. with excellent skills on installing, maintaining, configuring and managing the networks in respect of frequency, channels assigning, call-sign, Selective call.

I have excellent experience on HF systems (voice or data) from planning and choosing appropriate antenna system, frequencies, installing the antennas and configuring the radios vehicle or desk mounted. The main vendors are (Codan, Barret, I-COM).

I have excellent experience on VSAT systems including installing for different sizes of dishes and different bands and alignments to many satellites like Inmarsat, Eutelsat…etc.

For transmitting systems, I have excellent experience on Microwave systems, SDH, PDH. For microwave I have the solid knowledge of frequency selection, polarization, alignment and linking with the required systems.

I have a very good experience on producing services based on TETRA like (vehicle & personnel tracking systems, files transferring, call data record analyses…etc).
I have the full knowledge of UN standards on (UN HF open-standard 6-digit selcall protocol as defined in the United Nations Working Group on Emergency Telecommunications inter agency standards). and Management of VHF/HF Selcalls & Callsigns on UN radio networks.

👤 Personal Information:

Birth Date: 17.09.1977
Gender: Male
Nationality: Sudan
Passport: Sudanese Passport (P05526813) valid upto 27.02.2024
Driving License: Sudan (M01K409124) valid upto 27.02.2024

📖 Contacts:

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📞 +249123499929 , +249912382935
in https://www.linkedin.com/in/hitham-fisal-ahmed-fuad-2baab18b/

📖 Education:

Master's Degree, Telecom Engineer at Sudan University for Science & Technology
Completion Date: March 2014
GPA / Grade: V. Good
Thesis: Effects of Metallic Towers on Radiation Pattern
Bachelor's degree Electronic Engineering (Telecom & Control) At Gezira University
Completion Date: November 2001
GPA / Grade: Good

💼 Work Experience:

1. **Telecommunication Assistant at UNAMID (FTS)**
   Location: Elfasher, Sudan
   Company Industry: UN Peace Keeping Operation
   Job Role: Engineering
   August 2016 – January 2021
   Responsibility: TETRA, VSAT, PABX, Network, Service Desk.

2. **Communication Department Manager at Headway Import & Export**
   Location: Khartoum, Sudan
   Company Industry: Telecommunications
   Job Role: Engineering
   December 2014 - April 2016
   Responsibility: Planning & Organizing.

3. **Project Manager at Morgan for Information & Communication Technology**
   Location: Khartoum, Sudan
   Company Industry: Telecommunications
   Job Role: Engineering
   March 2014 - September 2015
   Responsibility: Project manager for Mobile Cell Trailer

4. **Senior Telecom Engineer at Lulu for Advanced Technology**
   Location: Khartoum, Sudan
   Company Industry: Telecommunications
   Job Role: Engineering
   March 2004 - January 2014
   Responsibility: Access-Net TETRA, HF, VHF, VSAT, FM Broadcasting.

My solid academic foundation in telecom, military experience along with my passion and enthusiasm make me the best candidate to any related job.

I have substantial background on telecom engineering. Some of the skills that were needed to accomplish that my deep background about telecom, IT, team work, gender, ethics, project management.

Languages:

Arabic	Mother Tongue
English	⭐⭐⭐⭐⭐

Skills:

➢ Excellent knowledge with tetra networks (Rhode & Schwarz AccessNet, Motorola Dimetra)
➢ Excellent knowledge of HF/VHF/UHF.
➢ VSAT Advance System Professional.
➢ Wired & Wireless Computer Networking, WiMAX/Wi-Fi Network Installation.
➢ Fiber Optic, Transmission Systems, Switching Systems.
➢ PABX & VoIP Installation & Programming.
➢ Call Centers, Conference Room Sound Systems Installation.
➢ Excellent computer education skills for Computer OS (Windows, Linux), Office Applications, Visual Basic Programming & SQL.
➢ Excellent motivation, interaction with engineers, technical staff.
➢ Ability to deal with all telecommunication programming.
➢ Efficiency working in any sites of telecommunications, electronics, electrical engineering,
➢ Ability to work well in all task of general security, CCTV, access control, alarm systems.
➢ Ability to deal with all planning and organizing system.
➢ Ability to coordinate work to tight deadlines and handle multiple concurrent activities.
➢ Skills to build and maintain proactive involvement with staff and customers.
➢ Strong ability to prioritize initiatives, plan, schedule, organize & follow up.
➢ Excellent written and verbal communication skills, strong interpersonal presence.

5. **Technical Manager at Faroug Telecom**
   Location: Khartoum, Sudan
   Company Industry: Telecommunications
   Job Role: Engineering
   April 2001 - February 2004
   Responsibility: VSAT, Networking.

6. **Transmission Engineer at Sudatel**
   Location: Khartoum, Sudan
   Company Industry: Telecommunications
   Job Role: Engineering
   November 2001 - November 2002 Military Duty Service
   Responsibility: SDH, PDH, Microwave, ATM.

Memberships:

1. **Microsoft:**
   Membership: Microsoft® Certified Solutions Expert: Core Infrastructure
   Member since: 17.01.2021
   Membership ID: H643-8756

2. **Microsoft:**
   Membership: Microsoft® Certified Solutions Expert: Productivity
   Member since: 11.12.2020
   Membership ID: H600-9389

3. **Microsoft:**
   Membership: Microsoft® Certified Solutions Associate: Windows Server 2016 Charter Member
   Member since: 09.11.2020
   Membership ID: H568-0009

4. **Global VSAT Forum GVF:**
   Membership: Advanced Satcom Professional
   Member since: 30.09.2019
   Membership ID: 64464629-f411-4584-a5f2-81fea3c80ac7

5. **CISCO:**
   Membership: Cisco Certified Network Associate
   Member since: 20.09.2019
   Membership ID: CSCO13514620

6. **Axelos:**
   Membership: ITIL V4 Service Manager
   Member since: 19.09.2019
   Membership ID: 9980074522311315

7. **Axelos:**
   Membership: Project Manager
   Member since: 19.09.2019
   Membership ID: 9980074522311315

8. **ICDL:**
   Membership: ICDL Certified
   Member since: 28.06.2017
   Membership ID: SD1602213

9. **Sudanese Engineering Council:**
   Membership: Professional Engineer
   Member since: 16.12.2014
   Membership ID: EC/ ER/ SE/ 2507

10. **Sudanese Engineering Society**
   Membership: Full Membership
   Member since: 27.05.2014
   Membership ID: 201932

- Ability to act without consideration of personal gain and take prompt action in case of unprofessional & unethical behavior.
- Demonstrated leadership ability and supervisory skills and ability to coach, mentor and develop staff.
- Office management, infrastructural & contractual works management.
- Microsoft Windows 2016 System Administrator.

Professional References:

1. Lamin Demba
dembal@un.org
Chief of Section, Information Systems And Telecommunications -UNAMID

2. Lawi Ooko
ooko@un.org
Chief of Unit, Telecommunications - UNAMID

3. Harouna Yerima Bako
bako@un.org
UNAMID – Sector North – FTS OIC

4. Msangala Kalufya
kalufya@un.org
UNAMID – HQ Sat. Unit Supervisor

Training and Certifications:

1. Microsoft® Certified Solutions Expert: Core Infrastructure – Certification number: H643-8756- 17.01.2021.
2. Microsoft 70-744: Securing Windows Server 2016 – 17.01.2021.
3. Microsoft® Certified Solutions Expert: Productivity – Certification number: H600-9389 - 11.12.2020.
4. Microsoft 70-345: Designing and Deploying Microsoft Exchange Server 2016 – 11.12.2020.
5. Microsoft® Certified Solutions Associate: Windows Server 2016 Charter Member - Certification number: H568-0009 - 09.11.2020.
6. Microsoft Exam 70-741: Networking with Windows Server 2016 - 09.11.2020
7. Microsoft Exam 70-742: Identity with Windows Server 2016 - 05.11.2020
8. Microsoft 70-740 Exam Installation, Storage, and Compute with Windows Server 2016 - 19.10.2020
9. GVF – 30.9.2019 - Advanced Satcom Professional.
10. CISCO – 20.9.2019 - CCNA Routing & Switching 200-125 (CSCO13514620).
11. Axelos & PeopleCert – 19.9.2019 - ITIL® V4 Foundation Certificate in IT Service Management.
12. Axelos & PeopleCert – 19.9.2019 - PRINCE2® 2017 Foundation Certificate in Project Management.
13. GVF – 6.8.2019 - GVF-CERT-GAPO (General Auto Point Terminal Operator)
14. GVF – 2.8.2019 - GVF531: Access Procedure Skills Completion Course
15. GVF – 1.8.2019 - GVF-CERT-BAPO (Basic Auto Point Operator)
16. GVF – 1.8.2019 - GVF530: Core Skills for Mobile Satellite Terminal Operators Completion Course
17. GVF – 31.7.2019 - GVF521: Practical Techniques for Installers Completion Course
18. GVF – 26.7.2019 - GVF520: Satcom Fundamentals Completion Course
19. GVF – 13.4.2019 - GVF 510 Ed.2: Core Skills for VSAT Professionals Completion Course
20. NCTR, Sudan – 1 ~ 4.12.2018 ITIL-V3 Foundation Preparation Course
21. NCTR, Sudan – 11 ~ 18.11.2018 PRINCE2 Foundation Preparation Course
22. ECDL/ICDL - 28.06.2017 (sd1602213)
23. Elgassim for Legal & Financial & Technical & Management Training Centre, Sudan - 3 ~ 20.6.2017 - GIS Applications on Telecom Using ArcGIS 10.3
24. Brilliant Solution Training Center - 17 ~ 27.3.2014 - Project Management Professional (PMP) Preparation Course.
25. Sudatel Telecommunications Academy (Sudacad), Sudan – 9 ~ 15.2.2010 - Mobile Communications.
26. Sudatel Telecommunications Academy (Sudacad), Sudan - 18 ~ 22.10.2009 - Transmission Media Basics & Troubleshooting.
27. TESS, UAE - 1 ~ 31.7.2009 - Tetra Configuration
28. Sudatel Telecommunications Academy (Sudacad), Sudan – 13.10.2008 to 6.11.2008 - Wired & Wireless Communications
29. Sudatel Telecommunications Academy (Sudacad), Sudan – 23.3.2008 to 1.4.2008 - Wireless Network & Security Methods
30. Rhode & Schwarz, Sudan – 8 ~ 10.12.2007 - Spectrum Analyzer & Power Measurements at the RF Interface
31. Rhode & Schwarz, Germany – 30.7.2007 to 21.8.2007) - Tetra Service & Maintenance
32. Rhode & Schwarz, Sudan – 5 ~ 9.8.2006 - Tetra on Site Training
33. Rhode & Schwarz, Germany – 25.7.2005 to 5.8.2005 - Tetra Maintenance & Troubleshooting
34. Voigt & Haeffner, Germany – 29.7.2005 - Voigt & Haeffner SVS-G48/62.5- 1 GRS10 Power Supply
35. Rhode & Schwarz, Germany – 17 ~ 24.32005 Tetra Basic System
36. Sudatel Telecommunications Academy (Sudacad), Sudan – 8.1.2005 to 12.2.2005 - O&M of Fiber Optic Cable
37. Sudatel Telecommunications Academy (Sudacad), Sudan – 24.2.2000 to 16.3.2000 - Transmission Media (Microwave, SDH, PDH, Fiber Optics).
38. Noran Computer Co., Sudan – 1.3.1997 to 1.8.1997 - Computer Diploma.

Projects & Achievements:

- ✓ Sudatel - Khartoum State SDH ring – Sudan (2001).
- ✓ Sudanese Defense Ministry - Microwave Backbone for the TETRA network – Sudan (2004)
- ✓ Sudanese Defense Ministry - R&S TETRA Network – Sudan (2004~2014).
- ✓ Sudan Central Bureau of Statistics - The 5th official census for Sudan Population – VSAT network (2007).
- ✓ Sudanese Foreign Affairs Ministry – Sudanese Embassies VSAT Network (2010).
- ✓ Sudanese Telecommunications & Post Regulatory Authority - Mobile GSM Cell Trailer – Sudan (2015).
- ✓ Sudanese Defense Ministry - DMR Network – Sudan (2016).
- ✓ UNAMID - Migration of Tetra Network to TETRA over IP through VSAT – Sudan (2016)
- ✓ UNAMID - Migration of the corporate VSAT network – Sudan (2018).
- ✓ UNAMID - Migration of the internet VSAT network – Sudan (2019).