

# **Lana Abass Essa Abass**

Transmission Engineer, HCIA-TRANSMISSION.

**Place/Date of Birth:** KSA-1987

**Phone:** +249900926066

**Nationality:** Sudanese

**Email:** [laneessa87@gmail.com](mailto:laneessa87@gmail.com)

**Address:** Sudan- Khartoum

**Marital Status:** Single

## **Professional Summary**

Transmission engineer with +5 years of experience on Fiber optic and SDH systems in NOC environment providing Support for Network issues includes services configuration in SDH Network, Alarm analysis, fiber cuts, Network Management, Operations and Maintenance. Strong hands-on and technical knowledge with an emphasis in hardware maintenance and installation, responding to repair requests, team work oriented, driven and self-motivated. Therefore, effective at completing tasks with minimal supervision, condense and enthusiastic communicator.

## **Certifications/Licenses**

-Huawei - HCIA Transmission Certified. -

## **Education**

-Bachelor of Electricity and Electronic Engineering, Telecommunication (second class – division one) with Honor, Omdurman Islamic University on the 18<sup>th</sup> –June-2012.

## **Language proficiency**

- Arabic (Mother tongue).
- English (fluent in listening, speaking, reading and writing).

## **Work Experience**

- **Transmission Engineer -NOC Support - Sudanese Electricity Transmission Company SETCO Ltd. Company (2016-01-01 - present)**

- Installations, troubleshooting, modifying and maintaining fiber optic systems and network.
- Working knowledge of optical transmission and optical network management systems.
- Measuring the signal strength to ensure that there is adequate performance.
- Process and workflow the improvements to meet the changing demands of the company.
- provide documentation, updated and created where necessary.
- Ensure that customer's complaints and queries are handled according to the agreed SLA.
- Conducting regular inspections of the system and network with the aim of locating and repairing any defects detected during the inspections.
- Determining solutions to any problems and issues that are preventing the fiber optic systems from performing optimally.
- Reviewing system alarms and investigating faults for continual service improvement.
- obtained appropriate tooling and fixtures.
- Perform engineering responsibilities with little supervision.
- Provide technical guidance and training for students and fresh graduates.

- **Sales engineer- Tajco electric company co.ltd (2015- 01-01) – (2016- 01-01)**

- Prepare and deliver technical presentations explaining products to customers and prospective customers.
- Collaborate with sales teams to understand customer requirements and provide sales support.
- Help clients solve problems with installed equipment.
- Recommend improved materials to customers, showing how changes will lower costs or increase production

## **Professional courses**

- Huawei HCIA Transmission – Network Plus Training Center-2021.
- Fiber Optics-University of Khartoum-2019.
- ITIL 2011 foundation – kiwi training center –Khartoum -Sudan -2018.
- PMP – Project Management Professional-- Techno Base Training Center -Khartoum-Sudan -2017.
- Data communication- Sudatel telecommunication academy- Khartoum –Sudan -2016.
- SDH systems- Sudatel telecommunication academy- Khartoum –Sudan -2016.
- Advance English communication course- Kaplan for science and computer technology. Khartoum-Sudan-2015.
- Training program - Sudanese electricity transmission company-2014
- Training program at Sudan-air control center (ANC)-2011.

## **Technical Skills**

- Good level understanding of fiber optic cabling as well as internal network system components.
- Familiar with component testing software programs and their reporting functions.
- Recognized for speed and precision in cutting, splicing, and installing cable while still staying within the limits of safety protocols.
- Comfortable working in any conditions.
- Splicing techniques
- OTDR and Power Meters.
- U 2000- I MANGER Software -HUAWI.
- Troubleshooting - Determining causes of operating errors and deciding what to do about it.

## **Personal Skills**

- Time management.
- Flexibility and patience.
- Reliable, self-disciplined and persistent.
- Dependability and adaptability.
- dynamic communication and teamwork.
- Hard working.

## **Referees**

Eng.Amin Mahmmoud A/Elrazig

Transmission and Optical Fiber Manger-Telecommunication Directorate  
Sudanese electricity transmission company co.ltd- Ministry of Energy and Mining  
Phone: +2499123494441 – E-mail: [aminco8@yahoo.com](mailto:aminco8@yahoo.com).

