MAZEN ELTAYEB

Electronics Engineering Graduate | Technical Support & Engineering

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PROFESSIONAL SUMMARY

Electronics Engineering graduate with practical experience in telecommunications equipment, technical support, equipment installation, basic troubleshooting, and technical documentation. Familiar with electronic circuits, sensors, microcontrollers, and Arduino-based systems through academic projects and practical training. Experienced in working with Huawei telecommunications equipment and preparing technical assessment reports. Interested in opportunities in electronics engineering, technical support, hardware systems, and embedded technologies.

PROFESSIONAL EXPERIENCE

Telecom Site Engineer *NOV 2019 – MARCH 2026*
Future Solutions Co. LTD Khartoum, Sudan *May 2026 – Present*

- Support installation, connectivity, and maintenance activities for telecommunications and electronic equipment.
- Configure frequency and power parameters on Huawei RTN 910 equipment using LMT
- Execute basic scripts on Huawei BBUs and monitor equipment alarms.
- Connect fiber-optic, IF, and power cables across telecommunications equipment.
- Perform basic equipment checks and troubleshooting.
- Conduct equipment assessments and prepare technical reports using Microsoft Excel.
- Coordinate and follow up antenna replacement activities with field teams.

EDUCATION

Bachelor of Science (Honours) in Electronics Engineering
The Future University Khartoum, Sudan *NOV 2019 – MARCH 2026*

ACADEMIC PROJECT

AI-Based Fault Detection for Electronic Circuits

- Developed and simulated an Arduino-based electronic monitoring and fault detection system using Proteus.
- Integrated temperature, voltage, and current sensors.
- Tested 6 electronic fault scenarios.
- Implemented sensor-based monitoring and fault detection logic.

SKILLS

- **Electronics:** Digital Electronics, Electronic Circuits, Sensors.
- **Embedded Systems:** Arduino, Microcontrollers, Basic C.
- **Technical Support:** Equipment Installation, Basic Troubleshooting, Diagnostics.
- **Telecom:** Huawei RTN, BBU, RRU, ATN, Fiber Optics, RF Systems.
- **Software & Tools:** Proteus, Arduino IDE, Basic AutoCAD, Microsoft Excel.

VOLUNTEER EXPERIENCE

Sponsorship Coordinator
The Future University Association Khartoum, Sudan *January 2022 – February 2023*

- Supported sponsorship activities, event coordination, budget-related tasks, and stakeholder communication.

PROFESSIONAL DEVELOPMENT

Aspire Leaders Program *October 2025*

Project Management Fundamentals — Self-directed learning *December 2025–April 2026.*

LANGUAGES

Arabic — Native | English — Intermediate