

MOHAMMED ELTAYEB AHMED KANONA

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Summary

A Computer and communication engineering specialist with a wide range of ICT experience able to provide top-notch service, sets standards, and exceeds expectations. Highly motivated, dependable troubleshooter and problem-solver.

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Personal Information

Nationality: Sudanese.

Date of birth: 16 December 1989.

Marital Status: Single.

Language: Arabic (Native), English (V. Good).

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Objective

I would like to make use of my educational, professional qualifications and my personal skills to implement a legendary quality service and to lead a challenging career in the field of information and communication technologies (ICT).

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Competencies and skills

1-Technical Skills

- Design, plan, establish, and optimize wireless networks.
- Develop wireless network infrastructures and make recommendations on systems enhancements for optimization.
- Strong knowledge in Telecommunication.
- IT Support.
- Strong Technical & Troubleshooting Skills.
- Good knowledge in install, configure, operate and troubleshoot medium size route and switched networks.
- Practical and Good knowledge of configuring, troubleshooting and verifying of CISCO switches.
- Proven experience and success with LAN, WAN, WLAN, and WWAN design and implementation.
- Proven experience with network capacity planning, network security principles, and general network management best practices.
- Apply propagation theory, cellular theory, RF Engineering tools and antenna theory to choose tower antenna placement.
- Competence with testing tools and procedures for voice and data circuits.
- Design and validate RF link performance, quality and reliability.
- Use measuring and diagnostic tools to test and adjust equipment.
- ITIL Framework.

2- Self Management Skills

I have an ambitious, extremely confident, creative, caring, flexible personality. I care about being on time all the time and also:

- Provide technical assessment of requirements and definition from conception to launch.
 - Train and mentor other engineers.
 - Good understanding of the organization's goals and objectives
 - Create manuals and support documentation.
 - Excellent Communicator and good listener.
 - Ability to manage work priorities efficiently.
 - Ability to work effectively and harmoniously with colleagues.
 - Excellent analytic skills.
 - Confident and effectively working under pressure.
 - Enthusiastic learner who quickly grasps concepts.
 - Highly motivated, dependable troubleshooter and problem-solver.
 - Excellent reporting skills.
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Education

- MSc. in Data Communication and Network Engineering (HONOR DEGREE) - Future University (formerly Computer Man College) – Khartoum, Sudan 2015.
 - B.Sc. (HONOR DEGREE) In Telecommunication Engineering - Future University (formerly Computer Man College) – Khartoum, Sudan – 2012.
 - COMBONI (Secondary School). – Khartoum, Sudan – 2008.
 - COMBONI (Primary School). – Khartoum, Sudan – 2005.
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Working Experience

Future University - April 2020 until now

Director, IoT Research and development center.

Future University – March 2016 until now

Manager, Maintenance and support unit - Center for Technical Services (CTS)

Duties & responsibilities:

- Manage information technology and computer systems.
- Plan, organize, control and evaluate IT and electronic data operations.
- Manage IT staff by recruiting, training and coaching employees, communicating job expectations and appraising their performance.
- Ensure security of data, network access and backup systems.
- Act in alignment with user needs and system functionality to contribute to organizational policy.
- Identify problematic areas and implement strategic solutions in time.
- Preserve assets, information security and control structures.
- Handle annual budget and ensure cost effectiveness.

Future University - August 2014 – March 2016

Technical Support Engineer, Center for Technical Services (CTS).

Duties & responsibilities:

- Provide preventative maintenance of computers, laptops, and printers.
 - Install, upgrade, support and troubleshoot windows XP, Windows 7 Windows 8 Windows 10 and Microsoft Office and other related software's.
 - Install, upgrade, support and troubleshoot for printers, computer hardware and any other authorized peripheral equipment.
 - Provide user data and application recovery.
 - Install & Configuring Firewall and Antivirus.
 - Provide WAN/LAN support including installation and maintenance.
 - Use diagnostic tools to troubleshoot problems associated with network connectivity, and workstation hardware/software.
 - Troubleshooting system and network problems, diagnosing and solving hardware/software faults.
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TRAINING and COURSES

- **MyDuino (myinvent) Malaysia**
Advance Arduino & IoT Course – Nov 2017.
 - **Universiti Kebangsaan Malaysia**
IOT An Arduino Advanced Experiential Exploration Workshop - Nov 2017.
 - **ITIL foundation V3**
Course without certificate September 2015
 - **International Computer Driving License**
Completed seven modules (essential) November 2015
 - **Go Great Training Center**
Creating Exemplary Leaders (Leadership) - August 2015.
 - **SUDACAD Training Academy**
Telecommunication diploma (advance course) - December 2012.
 - **New Zone for Engineering Co. ltd**
Mobile network & BTS installation - May 2012.
 - **The British Academy for Science & Technology**
GSM&GPRS Advance course - October 2011.
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Interest

New Technologies and Internet of things (IoT).

Research and development.

Electronics and Hardware maintenance.

Photography.