**Mazen Hashim Mahgoub Elsayed**

|  |  |
| --- | --- |
| Apartment 1, Building 6147**,** Waala Street – Dhahrat Laban, **Riyadh**, KSA | |
| +966554370941 | [mazin9282.mh@gmail.com](mailto:mazin9282.mh@gmail.com) |
| <https://scholar.google.com/citations?hl=ar&user=EXhJ-RIAAAAJ> | |

**Personal Summary**

A **Senior Data Center Engineer** with a Master’s Degree in Electrical Engineering and extensive knowledge and experience in Data Centers critical infrastructure management (UPS, Generators, CRAC, PDU, ATS/MTS, FACP … etc). Highly skilled in working with several DCIM and BMS and have hands on experience in Data Center documentations (Policies, Procedures and Processes) and release management. A recorded history working in the higher education industry and highly skilled with a varied range of Programming Languages (e.g. Java, MATLAB, C/C++/C#, Verilog HDL and VHDL, and Python), Programmable Electronics (e.g. Microcontrollers “PICs and Arduino Kits” and FPGAs), and Measurement Equipment (e.g. clamp power meters, oscilloscopes, spectrum analyzers, and network analyzers).

Education

**MEE / Master of Electrical Engineering, Telecommunications** Sep 2017

Universiti Tun Hussein Onn Malaysia (UTHM), Malaysia.

***First Class*** (CPA 3.81 out of 4).

B. Sc. Hons / Electronics Engineering, Telecommunications *Sep 2014*

**AL Neelain University, Sudan.**

***First Class*** (A.G.P.A #84.54%#).

Employment History (6+ Years)

ICT Senior Consultant *(July 2023 – Present)*

*LTIMindtree Riyadh, Saudi Arabia*

Responsibilities:

Responsible of managing (O&M/Project delivery) the customer’s Data Centers to improve its availability through performing the following duties:

* Served as the change management point of contact.
* Participated in writing the technical scope of work for the customers data centers related request for proposals (RFPs).
* Conduct research to recommend suitable upgrade aspects latest trends in data center domain.

ICT Consultant *(March 2020 – July 2023)*

*Wipro Limited | SNS Riyadh, Saudi Arabia*

Responsibilities:

* Managed and supervised the data center team to ensure that all enhancement plans, projects, and O&M tasks are being accomplished efficiently and the targeted KPIs are achieved as per the SLAs as well as ensuring that all the policies, procedures and best data centers technical practices have been implemented.
* Coordinate with the vendors and the point of contact for the change management related to Data Center Domain.
* Maintained stable and safe work environment ensuring that all safety programs and procedures (SOPs, MOPs, and EOPs) are complied.

**CO-Founder and Solutions Engineer** *(February 2019 - October 2021)*

*SoftAware Engineering Co. Khartoum Sudan*

Responsibilities:

Solutions Engineer with the following responsibilities:

* o Provide designs, quotes, project updates and timelines.
* o Developed solutions that enabled analysts to exploit data, make connections, obtain insight, and augment   
   data analysis techniques.
* o Data mining and predictive analysis. Developed end-user solutions and prototypes.

Lecturer, Electrical and Electronics Engineering *(February 2018 – April 2019)*

*University of Medical Sciences & Technology (UMST) Khartoum, Sudan*

Responsibilities:

* Head of Telecomm Division & Lecturer for electrical and electronics engineering undergraduate courses.

Lecturer, Electrical and Electronics Engineering  *(April 2018 – June 2018)*

*International University of Africa Khartoum, Sudan*

Responsibilities:

* Lecturer for electrical and electronics engineering undergraduate courses.

Lecturer, Electrical and Electronics Engineering  *(November 2017 – February 2018)*

*Sudan International University (SIU) Khartoum, Sudan*

Responsibilities:

* Lecturer for electrical and electronics engineering undergraduate courses.

Teaching Assistant, Electrical and Electronics Engineering *(November 2014 – February 2016)*

*AL Neelain University Khartoum, Sudan*

Responsibilities:

* Teaching Assistant for electrical and electronics engineering undergraduate courses.

Area of Technical Expertise

|  |  |
| --- | --- |
| * Data Center facilities and critical infrastructure. * Conversant in quantitative and qualitative research methods. * Microsoft office applications (Excel, Word, Office Project, Power Point, Office Visio). * ITIL. * Cloud computing – AWS and Azure. | * Hardware description Languages – Verilog and VHDL. * Embedded Systems – Arduino and FPGA. * Databases: MS SQL, MySQL.Coding and analysis using MATLAB, C, C++, C# and visual basic. * Computer hardware and software troubleshooting and repair. * Computer Aided Design – AutoCAD, CST and ADS. * IEEE 802.11 a, b, g, n standards. |

Professional Memberships

* Institute of Electrical and Electronics Engineers (IEEE).
* Saudi Engineering Council (SEC-Saudi Arabia).
* Sudan Engineering Council (SEC-Sudan).

Additional Academic Activities

**Publications**

[[1](https://aip.scitation.org/doi/pdf/10.1063/1.5002025)] **Elsayed, M. H**., Abidin, Z. Z., Dahlan, S. H., Cholan, N. A., Xavier. T. I. Ngu, & Majid, H. A., (2017, September). FILTSoft: A Computational Tool for Microstrip Planar Filter Design. In *AIP Conference Proceeding* (Vol. 1883, No.1, p.020007). AIP Publishing (**Scopus Index**).

[[2](https://ieeexplore.ieee.org/document/9429553)] Othman, R., Gaafar, A., Muaaz, L., & **Elsayed, M. H.** [A Hybrid RSS+AOA Indoor Positioning Algorithm Based on Visible Light Communication](https://ieeexplore.ieee.org/document/9429553/). In 2020 International Conference on Computer, Control, Electrical, and Electronics Engineering (ICCCEEE) (pp. 1-5). IEEE.‏

[[3](https://ieeexplore.ieee.org/document/9429629)] Hamadto, T. M., Adam, Z. A., & **Elsayed, M. H**. An Android Application of School Bus Tracker Based on RFID Technology. In 2020 International Conference on Computer, Control, Electrical, and Electronics Engineering (ICCCEEE) (pp. 1-4). IEEE.‏

References

Available upon request.