






## Muhammed E.B Eltayeb

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Date of birth	4/January/1991
Nationality	Sudanese
Certificates	BSc. in Engineering + National & Intl. courses & trainings



### ❖ WORK EXPERIENCE

(6 April 2020 - till now) \_\_\_\_\_ **Operation Manager.**

**New Learner (NL), Guelph - Canada.**

- “Online” part time job (Administrative Department).
- Set tools and objectives for department or unit. Set goals for each department.
- Develop budgets and ensure department adheres to it.
- Participate in developing policies and procedures.
- Attend and preside over meetings.
- Maintain employee records.
- Manage and direct overall operations.



(9 March 2020 to 30 October 2020) \_\_\_\_\_ **Technical Sales Engineer.**

**Smart Home, Khartoum - Sudan.**

- Full time job (Engineering Department).
- Leading all technical projects with the team.
- Managing marketing activities.
- Develop marketing plan strategy to achieve sales target.
- Create /Develop/ manage E-commerce strategy and activities.
- Hold instructional demonstrations for other team and the company clients to show the technical benefits of the company services and products.
- Overall responsibilities for marketing management and company identity.
- Monitor and report on effectiveness of marketing communications and activities.



(1 March 2017 to 29 February 2020) \_\_\_\_\_ **Automation Engineer.**

**PUVANA Water - Global for Industrialization & Development (GID), Cairo - Egypt.**

- Full time job (Maintenance Department).
- Project commissioning, Installation, Troubleshooting and Maintenance.
- Review all operation, instruction and maintenance manuals provided by vendors prior to handing over the development to the owner/client.
- Programming and Troubleshooting of PLCs and HMIs.
- Third party devices interface/TCP IP Interface.



- Conveyor Systems, AGVs and Robotics. Plus VFD Systems installation and maintaining.
- Electrical LV distribution reviewing “As-built / shop drawings” and making decision about it.
- Train and motivate subordinates in the performance of their duties + ongoing continuous improvement.
- Daily Follow up and preparing Monthly KPI's / OEE Report for production/Maintenance plan.

(June - September 2019) \_\_\_\_\_ *Site Commissioning Engineer.*

**BETA-PAK Company, Anadolu - Turkey.**

- **Part time job (Installation, commissioning & Testing Department).**
- Operating.
- Troubleshooting.
- Maintaining.

Beta PAK – PET cup forming, filling, sealing & packing line. (Combi-block Machine)  
Elena Marchetti Packaging machines (Italy).



(August - October 2018) \_\_\_\_\_ *Site Commissioning Engineer.*

**Middle East Water & Wastewater Technology (MidWater), Cairo - Egypt.**

- **Part time job (Installation, commissioning & Testing Department).**
- Operating & Daily Maintenance of R.O “Reverse Osmosis” unit and all accessories.
- PLC operation, logic steps & maintenance.
- Dose of Chemicals needed for R.O & pH adjusting. Plus CIP “Clean in Place” process.
- Daily & Periodic Electro-Mechanical Inspection/Maintenance for all parts of the plant.



(June - September 2018) \_\_\_\_\_ *Site Commissioning Engineer.*

**EKTAM Machinery Company, Izmir - Turkey.**

- **Part time job (Installation, commissioning & Testing Department).**
- Operating.
- Troubleshooting.
- Maintaining.

EKTAM Flowmatic “filling & capping machine”  
EKTAM Sardunya “labelling machine”  
EKTAM Conveying system.  
EKTAM Bergama Robot “pick & place”  
EKTAM Megapal “Palletizing Machine”  
EKTAM Aspendos “De-palletizing Machine”  
Inkjet Laser printer & Inkjet Ink printer.  
DIMAC Shrink wrapper Machine.  
SIAT Pallet wrapper Machine.



(08 February 2015 - 22 February 2017) \_\_\_\_\_ *Assistant Electrical Engineer.*

**ZAPHIRE Technologies Company (ZATECO), Khartoum - Sudan.**

- **Full time job (Protection & Communication Department).**
- Provide technical guidance & find creative solutions.
- Analyze and interpret solutions for unusual requirements of heavy industry.
- Coordinates testing, repair & installation of equipment.
- System operating characteristics (Power flow, stability, load limitation...etc.)



## ❖ TRAINING

**National Food Industry Company - LUNA, Jeddah - Saudi Arabia. (March 2014)**

- Can making.
- Finish product packing.
- Tetra-Pak filling.
- Sterilization processing.



**National telecommunication Corporation (TPRA), Khartoum – Sudan. (March 2013)**

- Telecom services.
- Spectrum management.
- Monitoring & Control.
- Standards & specification.



**National Food Industry Company - LUNA , Jeddah - Saudi Arabia. (September - October 2012)**

- Food industry factory - Maintenance department
- Trouble shooting for electric/electronic equipment's,
- Maintain thermocouples, solenoid valves, Variable Speed drivers...etc.



## ❖ Achievements & Certifications:

**Seven Habits of Highly Effective People.**

**Issuer: Franklin Covey (Professional Training & Coaching)**  
**(June 2020)**

**Enterprise Design Thinking Practitioner.**

**Issuer: IBM**  
**(May 2020)**

**SIEMENS SIMATIC TIA Portal Structured Programing.**

**Issuer: SITRAIN Siemens**  
**(May 2020)**

**Protection systems in low-voltage power distribution**

**Issuer: SITRAIN Siemens**  
**(May 2020)**

**Process Control System.**

**Issuer: SITRAIN Siemens**  
**(May 2020)**

## ❖ EDUCATION & CERTIFICATES

**(October 2019) \_\_\_\_\_ (Applied Diploma).**

**HA Consulting, Cairo – Egypt.**

- Home Automation.
- KNX (Schneider) Basic.

(April 2019) \_\_\_\_\_ (Applied Diploma).

**HA Consulting, Cairo – Egypt.**

- Classic Control.
- PLC Basic.

(December 2016) \_\_\_\_\_ (BSc. Honors).

**Sudan University of Science and Technology, Khartoum – Sudan.**

Faculty of Engineering.

Major: Industrial Electronics.

(September 2014) \_\_\_\_\_ (Short Course).

**International Islamic University, Kuala Lumpur - Malaysia.**

Internet Security Short Course & workshop.

(May - July 2008) \_\_\_\_\_ (Diploma).

**Aptech Training Centre, Taiz - Yemen.**

English language.

#### AWARDS & PARTICIPATIONS

(June 2020) \_\_\_\_\_ Participating Certificate.

**Young African Leaders Initiative (YALI), Nairobi – Kenya.**

- Fellowship.
- Alumni.

(August 2017) \_\_\_\_\_ Participating Certificate.

**IEEE Middle East Students and Young Professional, International Congress, Tunis – Tunisia.**

- Sudan's Ambassador.
- Promoting the MESYP event in Sudan in order to reflect the image of the Tunisian conference.
- Proven ability to manage and direct virtual teams.
- Extensive technical knowledge and experience to support DevOps tools, automation activities and planning.

(January 2017) \_\_\_\_\_ Participating Certificate.

**IEEE International Conference on Computing, Control, Communication and Embedded Systems Engineers, Khartoum - Sudan.**

- Speakers team coordinator.
- Managing the team (Supervising, punctuating team & selecting members).
- Handling the sessions (make sure that the data is uploaded, gathering the keynote speakers with the team representative & the technician).

(August 2016) \_\_\_\_\_ Participating Certificate.

**IEEE Students & young professional's congress Region8, Regensburg – Germany.**

- Participant.
- Representing IEEE Sudan.

- Presenting a short presentation with short video about IEEE Sudan & its activities like IEEE Day, IEEEExtreme “programming Challenge” and IEEE Women in engineering...etc.

(September 2015) \_\_\_\_\_ *Volunteering Certificate.*

***IEEE International Conference on control Networking Electrical & Embedded systems Engineers, Khartoum - Sudan.***

- Technical team member.
- Network & Internet service providing.
- Electronics/Media set ups for the main & auxiliary halls.
- Troubleshooting fatal errors or breakdowns in connectivity, internet, monitors or other integrated devices.

(August 2013) \_\_\_\_\_ *Volunteering Certificate.*

***IEEE International Conference on computing Electrical & Electronics Engineers, Khartoum - Sudan.***

- Volunteer.” Speakers team member”
- Organizing author’s presentations.
- Presenting Keynote speakers.
- Tour guiding for VIP guests.

## ❖ **SOFT SKILLS**

(January 2015 to December 2016) \_\_\_\_\_ *Chairman.*

***IEEE - Institute of Electrical and Electronics Engineers, SUSTech Student branch, Khartoum – Sudan.***

- Coordinating/Cooperating with professors to make the local scientific sessions in IEEE events.
- Contacting with outside professors to visit Sudan for presenting free scientific sessions.
- Organizing the IEEE Day, IEEEExtreme & IEEE women in engineering...etc.
- Technical reporting for these activities to IEEE region8, which is responsible about Europe Africa & Middle East.

(July 2014 to December 2015) \_\_\_\_\_ *Vice-Chairman.*

***IEEE - Institute of Electrical and Electronics Engineers, SUSTech Student branch, Khartoum – Sudan.***

- Coordinating/Cooperating with professors to make the local scientific sessions in IEEE events.
- Organizing the IEEE Day, IEEEExtreme & IEEE women in engineering...etc.
- Reporting activities to IEEE Sudan Subsection.

(June 2013 to June 2014) \_\_\_\_\_ *General Secretary.*

***Society of Electronics Engineering (SEE - SUSTech university), Khartoum - Sudan.***

- Organizing engineering week exhibitions.
- Scientific sessions announcing, preparation & presentations.
- Student’s competitions organizing (Scientific Projects / Arts).
- Organizing celebration events such as welcoming new comers, graduation ceremony, heritage day... etc.

## ❖ **REFERENCES**

- Pleased to submit upon request.