

Nazar Elhadi Eltayeb Ibrahim

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Summary

Professional Engineer with management, coordination skills, using the skills for controlling sub- contractors at site with strong supervision ability for all the project activities. With good capability for monitoring work progress, scheduling projects activities and staff as well, also experience in testing equipments at site or laboratories, measurements and preparing reports with up-date information's ready to top management.

Education

4-2020 **Master of Science in Mechatronics Engineering**

Mashreq University – Khartoum – Sudan

8-2012 **Bachelor of Science in Aeronautical Engineering- Avionics**

Karary University – Omdurman – Sudan

Master's Dissertation

Design and implemented of building management system (BMS) for Al-Tadamon Islamic Bank using Internet of thing (IOT), and study contribution of the system to make built Environment of the building sustainable using United States green building rating system (Leadership in Energy and Environmental Design - LEED). The systems that are linked to the BMS are heating, ventilation, and air-conditioning (HVAC), lighting Control, elevators, generators set, uninterrupted power supply system (UPS), main electrical distribution panels (MDP), water pumps, firefighting pumps, fire alarm system, and exhaust and CO2 jet fans systems controlling and monitoring using controller PFC 200 WAGO to help reduce running cost of energy in the building, operation and remote control. Hardware and software (e!COCKPIT) used in this system from WAGO company.

Skill Highlights

- Develop control systems
- MS Office Suite
- Professional in Primavera and MS Project
- Team Building
- Communication skills
- Reporting skills

Membership of Professional Association

- Project Management Institute (PMI – USA) – Member ID: 5859244
- Sudanese Engineering Council – Khartoum. Reg. No (٣٦٣٦١ / م خ / م س / م هـ / م هـ)

Languages

- **English:** Very good in speaking ,reading and writing
- **Arabic:** Proficiency in speaking , reading and writing

Certifications

- 3-2020 **Building Management System (BMS)**
IO Training Center – Khartoum – Sudan
- 10-2019 **BMS & Automation Systems In Buildings**
Top Leaders Training Center – Khartoum – Sudan
- 5-2020 **Data Communication with Industrial Ethernet**
SIEMENS- SITRAIN – Digital Industry Academy- Web Base Training
- 4-2020 **PROFINET (WT-PROFIN)**
SIEMENS- SITRAIN – Digital Industry Academy- Web Base Training
- 4-2021 **Certified MEP Engineer [CMEPE] from the Federation of Arab Engineers**
Cad Masters Training and Solutions – Cairo – Egypt
- 4-2018 **Building Services Engineering (Mechanical, Electrical and Plumbing Systems- MEP) –** Elbouga Training Center- Khartoum- Sudan
- 8-2019 **Plumbing and Gas Supply Systems**
Top Leaders Training Center – Khartoum – Sudan
- 8-2019 **Safety and Firefighting Systems**
Top Leaders Training Center – Khartoum – Sudan
- 9-2019 **Air Conditioning Systems (HVAC)**
Top Leaders Training Center – Khartoum – Sudan
- 9-2019 **Lighting and Electrical Installation Systems**
Top Leaders Training Center – Khartoum – Sudan
- 9-2019 **CCTV & Low Voltage Systems**
Top Leaders Training Center – Khartoum – Sudan
- 10-2019 **Elevators & Electromechanical Systems**
Top Leaders Training Center – Khartoum – Sudan
- 11-2019 **Testes, Standards and Commissioning**
Top Leaders Training Center – Khartoum – Sudan
- 4-2021 **Certified Autocad Professional from Autodesk** – Cad Masters Training and Solutions (Autodesk Authorized Training Center) – Cairo – Egypt
- 4-2021 **Certified Revit MEP from Autodesk** – Cad Masters Training and Solutions (Autodesk Authorized Training Center) – Cairo – Egypt
- 10-2019 **Certified Project Management Professional (PMP)**
Project Management Institute – Pennsylvania – USA
- 11-2020 **Engineering Contracts, FIDIC Forms & Arbitration**
Astler Training Center – Khartoum – Sudan



Experience

9/2017-
2/2021 **Intelligent Orientation CO.LTD - Khartoum – Sudan**
Position: BMS Engineer

- Designing and installation of the BMS systems to automate and/or monitor the facility's power, cooling, fire protection, security, ...etc.
- Collaborating with all internal discipline employees, external design partners, and clients
- Coordinating with internal design leads and clients to obtain required information, discuss options and develop solutions.
- Managing project and employee conflict to resolution.
- Assisting project management with scheduling, scope development, and proposal development.
- Working on systems from WAGO, DELTA, LG, and SIEMENS.

3/2015-
8/2017 **Ministry of defense Sudan - Sudan air forces (SAF) - Engineering and Maintenance Department – Khartoum – Sudan**
Position: Electrical Specialist Engineer

- Study and approved technically & financially, the requirements for maintenance of electrical equipments & electrical networks for all sites (all kinds of buildings (powerhouse, industrial, educational, residential buildings, recreation, central workshops, water treatment plant, sewage plant)) including upgrading, replacement of equipments, building inspection. Work involves preparation of specification as per standard, B.O.Q. drawings, quotations, ...etc and another relevant tender.
- Plan for Maintenance, carried regular inspection for all sites for electrical works, building inspection, A/C systems, Lifts, Escalators & other electromechanical works take the right decision to replace up-grade or change equipments, tender documents, assigning maintenance contracts to the specialized Electromechanical Companies.

10/2012-
2/2015 **Ministry of defense Sudan - Sudan air forces (SAF) - Engineering and Maintenance Department – Khartoum – Sudan**
Position: Site Manager

- Plan and execute for Maintenance of electrical works, building inspection, A/C systems, mechanical works (powerhouse) Water treatment, fuel storage tanks, Helipad, officers housing, and offices - soldiers buildings, schools, mosque, security, central work shop, system networks (electrical (transformers /motors /cables) – water (pumps) – sewage (pumps) – telephone), ...etc.
- Assigning maintenance contracts to the specialized Electromechanical Companies (consultancy of subcontractors).