

# **Curriculum Vitae**

**Name:** Mohamed Adil Mohamed Osman

**Gender:** Male.

**Date of birth:** November 22nd , 1992.

**Place of birth:** Khartoum-Sudan.

**Nationality:** Sudanese.

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## **Education**

B.Sc. (Honors) of Electrical Engineering (control) from Sudan University of Science and Technology.

Master of Engineering Management (MEM) from University of Khartoum.

## **Work Experience**

Sudanese Electricity Transmission Company (SETCO) Trainee – (January 2017 - January 2018).

Sudanese Electricity Distribution Company (SEDC) Control Engineer – (February 2018 up to now).

- Participating in wiring, commissioning and point-to-point tests with NLDC of (ALMAHADIA) substation new 33KV Schneider panels.
- Participating in witnessing and site acceptance tests in new 220KV soba substation.
- Testing of multifunction power meters.
- Testing of Tapcon Automatic Voltage Regulators (AVR).
- Testing of different Schneider Protection Relay.
- Participating in testing of Local SCADA, control panels and point-to-point tests with NLDC of (Local Market) substation SVC project.

- Participating in annual maintenance and point-to-point tests with NLDC in many substations in Khartoum.
- Monitoring and Operation of Medium Voltage network.
- Checking the steps of work permits issuing and validity to ensure safe operation, and ensure the following of safety procedures of working in medium voltage lines and distribution stations.
- Reviewing of maintenance plans and programs, taking the appropriate decision, and make alternative feeds in coordination with network engineers to ensure network stability.
- Following up loads in terms of tripping, returning and faults repairing.
- Participating in the periodic assessment of Occupational Safety and Health.
- Implementing occupational safety and health policies to ensure the safety and health of the human element in the workplace.
- Preparing daily reports of network operation.
- Documenting all technical and managerial activities.

### **Personal Skills**

**Mother tongue:** Arabic.

**Other languages:** English (Proficient).

French (Intermediate).

Turkish (Intermediate).

### **Computer skills:**

- Good experience in dealing with different computer applications (Microsoft office, MATLAB, AutoCAD, NEPLAN, ETAP).
- Good experience in dealing with different operating systems.

### **Other skills:**

- Hungry learner.
- Leadership skills.
- Car Driving: skilled, with a driving license.
- Good communication skills.

### **Job related skills**

- Hard worker and ready to work under pressure.
- Problems solving skills.
- Good experience in dealing with different Types of controllers (PLC and microcontrollers).
- Robots design and implementation.
- Good knowledge of different communication protocols (Modbus, Canbus, DNP V3.00, PROFIBUS, PROFINET).
- Good knowledge of different types of Remote Terminal Units (RTUs).
- Good knowledge of Substation Automation Systems (SAS).
- Good knowledge of IEC-61850 standard.
- Good knowledge of multifunction power meters.
- Good experience in dealing with different types of electrical machines gained during my degree and through continuous participation in scientific affairs.

### **Courses**

- SCADA System Operation.
- PLC and SCADA.
- Substation Automation System (SAS).
- Electrical Power Equipment Testing and Commissioning.
- Load Flow in Networks.
- Fault analysis.
- Sudanese Electricity Distribution Company Inevitable Course for Engineers.