**KHALID**

[**KHALID.354282@2freemail.com**](mailto:KHALID.354282@2freemail.com)

**PERSONAL INFORMATION**

* Nationality: Sudanese
* Current Residence: UAE, DUBAI
* Marital Status: Single

**PROFESSIONAL EXPERIENCE**

* An Internship at [SARIA Industrial Complex](http://saria.sd/).

Title: Automation support Engineer **(15th MAR, 2016)-(15th MAY, 2016).**

* Programming and Configuration of PLC.
* Troubleshooting and maintenance for control systems.
* Setting up PROFIBUS-DP.
* Installation and Calibration of Process Control Instrumentations (load cells, temperature ‘switches and transmitters’, level ‘switches and transmitters’, flow ‘switches and transmitters’).
* Sudanese Electricity Transmission Company (Hilat Koko substation) (National service duty )

Title: Automation support Engineer (**JUN, 2014)-(JUN, 2015).**

* Troubleshooting and maintenance of Substations (200,110KV), RTUs & electrical switchgears.
* Participate in the annual troubleshooting and maintenance for the Automation panels in AIR and GIS substation and verified all the interfacing & interlocking of the schemes for the operation of Circuit Breakers & Isolators**.**
* Erection, Testing and Commissioning of IEC 61850.

**TECHNICAL EXPERTISE**

* **PLC**: *SIEMENS*, Allen Bradley.
* **Fieldbuses**: PROFIBUS DP and PA, PROFINET, Modbus RTU and TCP, HART.
* **SCADA and HMI**: SIEMENS WinCC, Schneider Wonderware, etc.
* DCS, ESD and RTUs
* Process instrumentations calibration (Level, Flow, Temperature and Pressure)

**SKILLS**

* **Programming Languages:** C, Java, Matlab, VB, VHDL and Assembly.
* **PLC, SCADA and HMI software:** ABB’s Freelance, Schneider’s Wonderware and **Siemens TIA Portal** (SIMATIC STEP7 Professional, WinCC comfort Advanced, STEP7 PLCSIM and WinCC Professional).
* **Microcontroller and Embedded systems:** MikroC, Bascom AVR, Proteus VSM and MultiSim.
* **Software skills**: MS Office (Excel, PowerPoint, MS Words).

**ACADEMIC QUALIFICATIONS**

* Bachelor of Engineering (Honors) in Electronics (Industrial Electronics) from Sudan University of Science and Technology. (2014)
* Major: Industrial Electronics and Automation.