

Resume

**DERAR MOHAMMED
ABUBAKR ATIA**
Control & Automation Engineer



- Abdelmalik Alharbi St,
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- derar.atia@outlook.com
- 03/SEP/1993
- Single
- Sudanese

OBJECTIVE

An Electrical and control Engineer with more than four years of experience in design , troubleshoot and maintenance of control circuits for machines, power plants, and building facilities as well as programming PLCs for different companies such as Seimens, LG and MITSUBISHI.

In addition to design HMI and SCADA systems using Wincc Flexible for Seimens company , make hardware configuration and software communication protocols
And communication protocols.

I have experience managing high-pressure situations and my problem-solving skills earned me Employee of the Year in two organizations. I aspire to provide exceptional service to each unique stakeholder across your organization .

EXPERIENCE

Control System Engineer

- GIAD Industrial Group** MAR/2017-OCT/2020
Khartoum Bahri , Sudan

Design, implementation and maintenance of crane control systems used in the marine factory.

Design HMI operator interface to run system remotely and monitor the stations.

Installation and maintenance of electrical and control devices and Instruments in the Nile stations.

Monitoring the status of sensors, actuators, and other control devices in the various stations and making the necessary periodic maintenance.

Calibrate the control equipment to make sure it is working properly .
Writing periodic maintenance reports, and raising the necessary recommendations.

Control & instruments Trainee Engineer

- Sudanese Hydropower Generation Company** Nov/2015-Nov/2016
Merowe , Sudan

Troubleshoot and maintain control circuits and Instruments in the power plant. Assist engineers to make preventive and corrective maintenance.

Design PLC control systems for auxiliary systems in the station such as overhead crane system and spillway gates control .

Maintenance of DCS system in the power plant.

EDUCATION

Bachelor's in (Electrical & Electronic Engineering)

- Omdurman Islamic University** SEP/2010-JUN/2015
Omdurman , Sudan

A Completed five years Bachelor's degree in Electrical & Electronic Engineering specialization control which consist of ten completed semesters covering the following main topics : Basics of Electric Circuits, Electronics & Digital Design , Electromagnetics , Power systems , Communication systems and Control systems courses .
in addition to Mathematic Courses and Natural Sciences . I have graduated with grade (First Class) in June 2015 .

COURSES

Electrical & Electronic Marine Systems

- Alexandria University 06/08/2017 -TO - 31/10/2017
Alexandria, Egypt
Studied Electric and control systems in marines, Navigation system and communication systems.

PLC & SCADA

- Exemplar Training Centre 22/07/2017 - TO - 01/08/2017
Khartoum, Sudan
The course covered all theoretical concepts about PLC system, HMI and SCADA system as well as practical lab on Allen Bradley PLC, hardware and software operations. In addition to practical lab on intouch SCADA Software.

Micro controller

- Soft Star Training Centre 03/11/2015 - TO - 21/11/2015
Khartoum , Sudan
Microcontroller programming language (BASCOM), LCD Interfacing and layout with hardware devices (relays, stepper motors) , Practical lab on ATmega 16.

Programmable Logic Controller (PLC)

- Abdelbary Center For Engineering Training And Technical Studies 16/08/2014 -TO- 15/10/2014
Khartoum, Sudan
Electromagnetic Control Circuit , hardware and Software of PLC System , Application and Troubleshooting of Seimens PLCs .

CERTIFICATES

ICDL

- Sep/2021
Consist of : Computer essentials, Internet essentials, Microsoft Office (word, power point, excel, Access) and Internet collaboration

IELTS

- Jul/2018
Overall band score 5.5

PROFESSIONAL SKILLS

- Control & Automation Design , Excellent
- Microsoft Office programms , Excellent
Word, excel , PowerPoint, Access and outlook
- Wincc Flexible Seimens SCADA software , Very good
- Autocad Electrical , very good
- Python Programming Language , Good
- Communication Skills
- Time management
- Problem Solving
- Adaptation and Flexibility

LANGUAGES

- Arabic , Excellent
- English , Very good

REFERENCES

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 Mosab191@gmail.com

Date : May/2022
 Place : Riyadh, KSA



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