

# Resume



**AHMED**

Professional summary :

manufacturing production machinery electrician , air conditioning maintenance technician with strong electrical, mechanical, pneumatical, and hydraulic systems skills and experiences, highly motivated well educated, flexible to enter any professional if trained to do specific tasks.

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**Contact information :**

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Languages :

Arabic language : Native speaker, writing and typing, reading, listening

English language : Fluent speaker, writing and typing, reading, listening

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Technical Skills:

- troubleshooting electric control panels according to the manufacturer electric control drawings.
  - electric control devices installation and troubleshooting ( such as electric circuit breakers, phase sequence and phase failures, fuses, electric motors starters, manual circuit breakers with thermal overcurrent protectors, transformers, contactors AC /DC coils, relays AC/DC coils, overloads, timers, motors soft starters, motors variable frequency drives, Servo drives, servo motors encoders, Servo motors, Programmable logic controllers (PLC) and it's inputs and Outputs modules, terminal blocks)
  - electric Motors windings check, rewinding, bearing replacement, control systems troubleshooting.
  - fluid pumps installation, maintenance, control systems troubleshooting.
  - manufacturing plants instrumentations troubleshooting.
  - Control valves, pneumatic Solenoid valves, pneumatic cylinders, pneumatic piping, pneumatic pipes fittings, ,pneumatic actuators valves,maintenance and control systems troubleshooting.
  - Air and refrigerants gases compressors.
  - windows , split, and duct, Air conditioning, services and maintenance.
  - computer data entry, Microsoft office.
  - industrial hazards analysis and safety procedures.
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### **Professional objective:**

Highly motivated engineer with experiences and skills in electrical and mechanical , pneumatical , hydraulic, control and instrumentations. looking for a company having the ability to exploit and develop my skills, experiences, and knowledges in order to manufacture a useful products successfully and safely.

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### **work experiences, training and employment:**

- **Electric maintenance technician from July 2019 to July 2020 at Altadamon Animals feed Factories Co. Ltd, Khartoum North Industrial area**

descriptions :

Animals feed plants electric motors and gearbox regular check, service, oil chang, and repairing, shafts bearings greasing, ingredients conveyrs belts, pneumatic cylinders and pneumatic solenoid valves faulty parts replacement, air compressor daily check and condensed water regularly removal,all faulty pneumatic pipes and fittings replacement, electric control troubleshooting.

pellets mill feeder screw check, pellet mill feeder faulty motors variable frequency drive replacement and programming according to the manufacturer Electric drawings and instructions, conditioner shaft arms regularly check and replacement, pellet mill die replacement and rollers adjustment, steam pipeline, steam safety valves checking and replacement. raw ingredients drum and magnetic cleaners faulty parts replacement and repairing. silos raw materials chains conveyrs motors and gearbox checking and oil changing, all plant loads cells faulty replacement crusher mill hummers faulty replacement, all plant vibrator motors checking and faulty replacement filling machine faulty parts replacement.

- **Electric technician from July 2020 to August 2020 at ELMOHANDIS Paint Factory, Khartoum North Industrial area**

descriptions :

paint filling machines and mixers control troubleshooting.

- **Electromechanical technician Glass Machinery from February 2021 to June 2021 at Rukn Aljubail Glass and Mirrors machinery spare parts trading.**

descriptions :

Glass straight line edging machines grinding diamond, raising, polishing, beveling wheels , spindle trays, bushing, spindle motor seal, spindle motors bearing checking and replacement , spindle motors control troubleshooting, windings check, spindle motors sliding plates, sliding edges rods, spindle motors hight adjustment gear, , conveyer belts , Glass conveyrs rubber pad, rubber pads check and faulty parts replacement. Glass manual cutting table cover, Air pipes, pneumatic Solenoid valves, air compressor, pneumatic cylinders, replacement, Glass drilling hole machines repairing and control troubleshooting Glass CNC cutting machine servo motors and servo drives.

- **Electromechanical, and Air conditioning technician from June 2021 to October 2021 at Fino international, Jebel Ali industrial area 1**

description :

Marvel Factory overhead double grider crane control panel fault troubleshooting crane hoisting motors windings check and repair, faulty motor bearing replacement, hoisting motor dynamic braking faulty parts replacement, hoisting motor gearbox oil changing.

crane left right trolley motor, reverse and forward motors , gearboxes checking , oil changing regularly , motors control Variable Frequency Drive replacement and new programming according to the crane manufacturer Electric drawings and instructions, motors control troubleshooting. Factory Air conditioning maintenance, indoor and outdoor units servicing, evaporator coils, Condenser coils cleaning, and filters cleaning, outdoor condenser fan and condenser fan motors maintenance, and capacitor checking and replacing faulty capacitors, compressors checking and replacing faulty compressors, and faulty Electric wiring and connections, rebuilding new AC units from Scrap AC units, flaring and brazing copper pipes. Factory machinery Electromechanical systems maintenance.

- **Electromechanical technician from November 2021-Present at Readymix Concrete plant and Ice plant Electromechanical technician**

description:

Cement silo levels indicator sensors, cement silo inlets pipe control valves and it's pneumatic solenoid valve, Cement silo discharge valve regularly check, and faulty ones replacement, Cement silo discharge motors and it's gearbox check, oil changing and repairing. Cement silo discharge screws and it's hanging bearing replacement. Cement weigher discharge valve and it's pneumatic solenoid valve fault checking and replacement of faulty parts. admixture pumps checking, repairing, replacing, and it's it's Electric control inside the control panel troubleshooting. chiller water control valve and it's pneumatic solenoid valve fault checking and replacement aggregate discharging Gates fault checking, pneumatic cylinders fault checking, pneumatic Solenoid valves fault checking and replacement. all plant loads cells faulty replacement. all plant faulty vibrator replacement conveyer belts motors and it's gearbox checking and oil changing with bearing greasing aggregate bucket hoisting motors, and it's gearbox checking and oil changing, hoisting.

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#### **courses:**

- computer Microsoft office word , excel, PowerPoint software.
- industrial occupation and safety administration
- classic electric Motors control, softstar and variable frequency drives
- industrial electrical control instrumentations and control devices
- industrial electrical control Programmable logic control
- HVAC, A.C maintenance, and refrigerants compressors troubleshooting.
- electronic
- CNC routers , servo drives and servo motors
- overhead cranes

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#### **Education :**

- Primary Education

-Elhoda primary school from 1996 - to 1999 in El-Obeid city, Kordfan State, Sudan.

-Kotranj primary school from 1999- to 2004 in Kotranj, Khartoum State, Sudan.

**Primary school graduation degree 98%.**

- Secondary Education

-Elkhartoum Elgadima Secondary school from 2004 to 2006, Khartoum, Sudan

-Kotranj secondary school 2006-2007 in Kotranj village, Khartoum, Sudan.

**High school graduation degree of science 87.4%.**

- Colleges and universities

Sudan University of Science and technology from 2007-2012

**Bachelor degree of engineering sciences 74.6%**

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