



**MUSAAB GASMALLA ABDALLA
BAKRY**

30 DEC 1979 , SUDAN

Address : Khartoum – Bahary – Block 23
home no : (367)
KHT- state - Sudan

Telephone +249123541828
Mobile : +249912817667
E- mail : Pagrasy1@gmail.com
Drive ❖ Sudanese
License ❖ National
❖ DDC (**field license**)

Skype : Musaab53
LinkedIn : <https://www.linkedin.com/in/musaab-abdalla-7907b762/>

WhatsApp: +249123541828

Family Married

status

Language : English – Arabic

Mechatronic engineers seeking employment with a company where I can use my talents and skills to grow and expand the company. • I want to succeed in a stimulating and challenging environment, building the success of the company while I experience advancement opportunities. • I am seeking a competitive and challenging environment where I can serve organization and establish an enjoyable career for myself

Employment Details

MEPCO Multi Activity CO- LTD
Electrical Department
Job title : MEP Engineer

Current Job

- ❖ **MEP**
- Mechanical (HVAC - Fire Fighting ...e.g.)
- Electrical
- Plumbing

GOV / Locality of Khartoum
Electrical & instrument Department
Job title : Manager

3st Des 2018 to 6th Jun 2018

❖ Manager of Electrical and instrument in Khartoum Refinery Company

My responsibility in the company (maintenance department):

- ❖ Care of #7 conveyers Belt
 - Chef of maintenance team
 - Starting-stopping and reloading
- ❖ Repaired and maintenance east and west crane (classic control)
- ❖ Repaired and maintenance crusher
- ❖ Care of room of Substation

National upstream solution (NUS)
Drilling Rig (offshore)
Job title : Electrician

1st Des 2014 to 6th Jun 2015

My responsibility in the company (maintenance department) :

- ❖ care of Engine sit
 - time of maintenance
 - when start or stop
- ❖ installing electrical in the rig site
- ❖ fixed the problem occurred
- ❖ maintenance any electrical device
- ❖ SCR & VFD system

National upstream solution (NUS)
workover Rig (offshore)
Job title : Electrician

17 Dec 2015 to 13 Feb 2017

The same responsibility in the drilling rig

Elbawaba Engineering. Co
Job title : Electrician

1st Mar 2009 to 1st May 2011

My responsibility in the company is that:

- ❖ responsible in all crew
- ❖ Give the electrician the map of installing
- ❖ installing electrical in roof and wall
- ❖ fix the distribution board

Working with several Engineer
Job title : Electrician

1st Dec 2007 to 1st Jan 2009

My responsibility installing electrical in the new building

ACADEMIC BACK GROUND

Master Mechanical Engineering (production)	Sudan Science University	In- processing
MECHATRONICS Engineering (BCS)	MASHREQ University	Year completed : 2016
Electric Engineering "Power" Diploma (3 Years)	JUBA University	Year completed : 2007

Professional development

Mechatronics is a relatively new branch of engineering that combines the principles of mechanical engineering, systems design engineering, electronic engineering, control engineering, and computer and software engineering. Mechatronics engineer encompasses the inner workings of almost all things electronic, ranging from cell phones to computer processors to robots and artificial intelligence systems. Mechatronics engineers apply their knowledge in mechanics, electronics, computers and control theory within manufacturing and product design fields with the goal of improving functionality of systems used across a variety of sectors

Computer Knowledge	Introduction & Operation	Excellent
	Microsoft Windows	Excellent
	Microsoft Excel	V. Good
	Microsoft Word	Excellent
	Microsoft power point	Excellent
	Outlook	Excellent

Closed circuit television system (**CCTV system**)

- ❖ Cameras / DVR type
- ❖ Video balun and single balun
- ❖ Practical assembly of CCTV system
- ❖ IP & PTZ cameras introduction and configuration
- ❖ How to installing DVR to network and mobile view
- ❖ Type of housing , accessories and ,mounting brackets
- ❖ Project planning system

REVIT MEP

- ❖ Introduction for rivet architecture
- ❖ Basic creation and editing tools
- ❖ Control in views and levels
- ❖ Building performance analysis
- ❖ Create spaces , zones , cooling load report
- ❖ Create HVAC system , plumbing system , firefighting system , firefighting system and electrical system
- ❖ Legends
- ❖ Sheets
- ❖ Walkthrough

Mechanic

Hydraulic & Pneumatic

Certificate in industrial hydraulic course
From **AGIAD TECHNICAL TRAINING CENTER**
Completed 27 /7/2017

- ❖ Introduction
- ❖ Refrigeration cycle
- ❖ Central AC system
- ❖ Chiller water system

the Heating Ventilation and air conditioning
(HVAC)

- ❖ VRV & VRF system
- ❖ Load calculation
- ❖ Fan coil selection
- ❖ Duct design software
- ❖ Pipe seizing

Maintenance air condition device

Certificate in maintenance air condition
device course
From **Sudanese Turkish center for training
of trainers**
Completed 24 /8/2017

Firefighting and alarm system

- ❖ Introduction fire and ranked
- ❖ Fire alarm system & accessories
- ❖ Type of fire alarm
- ❖ Fire alarm system design
- ❖ Introduction in fire fighting
- ❖ Wet – riser & accessories
- ❖ Dry – riser & accessories
- ❖ Sprinkler & foams
- ❖ Calculate of pump and water tank
- ❖ Type of fire extinguishers &
lighting protection
- ❖ Diagnosis and troubleshooting plan
- ❖ How to plan residential , industrial ,
commercial , hospital , schools , and
other building

Welding ARC

- ❖ F 1 to F 4 Lines
- ❖ 1 G Plates
- ❖ 2 G Plates Vertical
- ❖ 3 G Plates Horizontal
- ❖ 4 G Over Head
- ❖ 5 G Pipes

Electrical

programmable logic controller (**PLC**)

- ❖ The electromagnetic control circuit & troubleshooting of the electromagnetic control circuits.
- ❖ The hardware of PLC system
- ❖ The input and output devices of PLC systems & input and output modules
- ❖ Software of PLC system
- ❖ Application in PLC system
- ❖ Troubleshooting in PLC system

Other electrical skills

- ❖ AC current • DC current measuring and test and troubleshooting
- ❖ AC & DC motors 1Ph or 3ph troubleshooting and indicating what is the problem if its happen
- ❖ Cable type calculate size for load depending to the current.
- ❖ Installing and connection and distribution.
- ❖ AC air condition troubleshooting
- ❖ Load calculate

References

Eng. Joseph Bamidele

- ❖ Company Greater Nile petroleum Co. Ltd, (GNPC)
- ❖ Position Workover Supervisor
- ❖ Email meetdele@gmail.com
- ❖ Mobile +17139339779

Eng. Mohamed Hassan Ahmad Mohamed

- ❖ Company National Upstream Solution (NUS),
- ❖ Position Rig manger
- ❖ Email brnkos4@gmial.com
- ❖ Mobile +249911131121-
+249123730987