



# Hassan Babikir

## Electrical engineer

📍 23 street, 7527 Alkhobar, KSA    ✉ hassanbabikir866@gmail.com    ☎ 0568608325    📅 10-11-1988

🇸🇩 Sudanese    🚗 Saudi driver's license    🔄 Single    👤 Male    📄 Transferable Iqama

### 🎓 Education

2010 – 2015  
Khartoum, Sudan    **B.SC.(honors) in electrical engineering**  
**Academy of engineering sciences**

### 🧰 Professional Experience

05-2015 – 05-2017  
Khartoum, Sudan    **Electrical engineer**  
**Refaq electrical equipment**

- Estimate the total load of the projects and create a suitable design for the main distribution board of transformer and sub-distribution boards.
- Select suitable cables for loads and calculates voltage drop and circuit breaker.
- Redesign shop drawing and create a single line diagram of all panels by using AutoCAD and execute on site after the client's approval.
- Preparing RFI and raising to the client.

06-2017 – 12-2021  
Khartoum, Sudan    **Electrical engineer**  
**Orion for engineering and consulting**

- Motors control System Installation and Troubleshooting.
- Execute preventive and corrective maintenance of ATS (maintenance and testing).
- LV & MV Transformer and Switchgear installation.
- Estimation of total load and making a proper design for generator.
- Execute preventive and corrective maintenance of UPS (maintenance and testing).
- Service and Technical Support to the sales team and Sales Service.
- Customer Training, and Introduce Products, and Features to Costumers.

### 📖 Courses

08-2015 – 08-2015  
Khartoum, Sudan    **Electrical equipment testing and commissioning**  
**Exemplar Training Center**

08-2015 – 09-2015  
Khartoum, Sudan    **Electrical installations desing for building and facilities**  
**Exemplar Training Center**

12-2015 – 12-2015  
Khartoum, Sudan    **Industrial Automation Engineer**  
**Exemplar Training Center**

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## Projects

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04-2016 – 05-2016	<b>Alekram factory</b> Installing, testing and commissioning of main distribution panel and transformer 200KVA 33KV/415V
09-2016 – 10-2016	<b>Perkins -SD Company</b> Assembly and installation, test and commissioning of ATS for 12 Lines
08-2017 – 11-2017	<b>Ezzedin Shipping Company</b> Assembly and installation, test, and commissioning of 30 motors control panels and the main distribution panel for the ship
10-2016 – 01-2017	<b>Khartoum International Canal facility</b> Design and implementation of the three floors Khartoum International Canal facility with a capacity of 100KVA
03-2018 – 07-2018	<b>Ministry of roads and bridges</b> Execution of the electrical installation of the Ministry of Roads and Bridges, which consist of four floors and was executed under the IEC standard
10-2018 – 11-2018	<b>Alezargab H.V Substation</b> Installing, testing and commissioning, Batteries Charger system 110 Vdc 100 Amp for Alezargab H.V Substation.

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## Skills

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Excel	● ● ● ● ●	AutoCAD Electrical	● ● ● ● ●
Technical Support	● ● ● ● ●	Site Management	● ● ● ● ●
Familiarity with the standard	● ● ● ● ●	Safety	● ● ● ● ●
Technical Documentation	● ● ● ● ●	Inspection	● ● ● ● ●

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## Languages

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- Arabic
- English

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## References

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**Eng. AbdElraheem Babikir**, 1st engineer, DAR ENGINEERING  
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**Eng. Osman Elmubarak**, Electrical engineer, AL Khereiiji Trading  
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**Eng. Omer Elmubarak**, Biomedical Engineer, Tamer Group-Sysmex Middle East  
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