

## CV

### PERSONAL INFORMATION

Name: Osman Omer

Citizenship: Sudanese

Gender: Male

📍 House No\_30, Al Mozefeen, Al Qadarif, Sudan

Date of birth: 05-02-1993

✉ [o\\_omer@ee.iitr.ac.in](mailto:o_omer@ee.iitr.ac.in) | [osmanomeraba@gmail.com](mailto:osmanomeraba@gmail.com)

☎ +249111678283

- I am a Master of Electrical Engineering (Electric Drive & Power Electronics) qualified, with good electrical engineering skills. I am interested in related positions in Clean Energy, and I seek challenging opportunities where I can fully use my skills for the success of the Corporation.

### WORK EXPERIENCE

**Duration:** 24/12/2019 - 04/12/2020

**Position** (Electrical Operational Engineer)

**Employer:** Koni Energy - North Darfur-Sudan

**Responsibilities:**

- Engineer Daily routine check of the engines, maintenance, and operation of electrical equipment, testing and commissioning of different measurement devices, & coordinating the connection between Al Fashir Solar Power plant & another station called Sudanese Thermal Power Generating Company (STPG).
- Provide technical support and guidance, Prepare detailed documentation reports, Test the integration of the system and resolve any problems, & Team Lead substation.

### EDUCATION

- (2020-2023) **Master of Technology** in Electrical Engineering (**Electric Derives & power electronics**)  
Indian Institute of Technology Roorkee (IITR), Roorkee, Uttarakhand-India  
**Dissertation area:** Investigation on Standalone DC Microgrid.
- (2013-2018) **The Degree of Bachelor** (Honors) in Electrical Engineering (**Power Systems and Machines**)  
University of Bahri, Khartoum\_11111, Sudan  
**B.Sc. Thesis Topic:** Application Numerical of Transformer Protection

### PERSONAL

### SKILLS

Arabic language (native)

English language (Excellent)

### Soft Skills

- Excellent computer literate & in programs.
- I work individually and within a team.
- Effective communication & interpersonal skills.
- firm grasp of projects involving substations
- Excellent problem-solving & troubleshooting skills

### Member & Awards

- Member of the Sudanese Engineering Council.
- IFAD - Scholars and Academics Platform and IFAD Academy

### Workshop & International Seminar

- **Seminar on how to start an enterprise and organize It** by IIT Bhubaneswar, one day, February 5, 2022.
- **Workshop on Indian Culture** Organized by India Council for Cultural Relations (**ICCR**) & World Organization of Students and Youth (**WOSY**), Gangtok, Sikkim, India. 2 to June 6, 2022
- **International Seminar on Culture and Shared Sustainable Future** presented by World Organization of Students and Youth (**WOSY**), Khajuraho, Madhya Pradesh, India, from 13 to August 16, 2022.
- **Solar Bootcamp** (The bootcamp covered various topics related to solar energy), organized by **Solarabic**, successfully attended between the 24th and 28th of December 2022.
- Virtual conference "**Solar PV Technologies-MENA**" Organized by **Solarabic** between the 27th - 28th of February 2023.

### PUBLICATIONS

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- O. O. Babikir, D. T. Antalem and A. Bhattacharya, "A Standalone DC Microgrid With Photovoltaics and Power Management Using a Modified Perturb and Observe Technique," *2023 4th International Conference on Communication, Computing and Industry 6.0 (C216)*, Bangalore, India, 2023, pp. 1-4, doi: 10.1109/C21659362.2023.10430782.

### REFERENCES

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- Available upon request.