

Akanni Kabeer Abiodun

Lagos State, Nigeria

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ELECTRICAL ENGINEER

*Electrical Engineer with experience designing Photovoltaic system energy solutions for residential and commercial use. Seeking opportunities to leverage Electrical Engineering theory, testing tools and photovoltaic (PV) systems photovoltaic designing skills in a collaborative environment. **Developed an understanding of the analytical abilities and technical skills necessary for engineering innovative designs and applications in the following areas:***

. •Energy Use •Generation of Renewable Energy •Energy balances •Electrical Power Systems• Energy Storage •Photovoltaic Systems Design • Power Plant Monitoring and Control

EXPERIENCE

Lapomik Energy Limited (A partner Company of Inaccess, Greece) Lagos, NG

Project Engineer, 11/2018- Present

- Study and analyze Customer requirements in the context of specific RES projects
- Work closely with the Field Implementation team
- Conceptualize and design the overall system architecture in terms of plant network, plant control and data acquisition functions as well as Internet access.
- Interact with the Customer technical teams for detailed engineering and design.
- Configure the System and contribute to the onsite System Commissioning and troubleshooting
- Implement the Internet access solution
- Provide remote as well as onsite support to the System after the commissioning
- Presented daily reports on works done on site and overall assessment report on project after completion

UNL Systems Limited, Oshodi, Lagos, NG

Electrical and Electronics Engineer, 05/2018 –11/2018

- Carried out installations of power protection and solution equipment (UPS, inverters, AVR's, Surge Protectors, Electrical Delay Panels), for IT/Data Centers
- Carried out preventive and corrective maintenance of power protection equipment
- Carried out Electrical Installation and replacement of cables
- Power auditing and proper reporting to the Chief Electrical Engineer

Solarworld Alternative Energy Nigeria limited, Ibadan

Photovoltaic manufacturer providing solar electric power systems solutions.

Electrical Engineer, 6/2013 – 12/2013, 5/2017-- 05/2018,

Custom designed and sized solar PV systems for residential and commercial customers. Participated in research and marketing projects to promote renewable energy and drive business growth. **Key**

Contributions:

- Worked under senior electrical engineers to design PV systems that converted sunlight into electricity.
- Equipped selected PV systems with uninterruptible power supply (UPS) capability, allowing customers to operate selected circuits for hours (or even days) during a utility power outage.
- Assisted in distributed system voltage performance analysis for high-level penetration photovoltaics, contributing to research study that will be used to optimize future PV systems.
- Conducted efficiency and price/watt comparisons on other solar power systems on the market to gather intelligence used for marketing campaigns.

MoonLight Electrical Services, Ibadan, NG:

Intern, Field Engineer 7/2016 – 5/2017

- Scheduled and unscheduled maintenance repairs on electrical systems and equipment.
- Performs maintenance and repair of various interior and low/high tension exterior wiring systems while complying with all safety/environmental standards

Local Government Comprehensive Secondary School, Kabba, Kogi State, NG:

Instructor 5/2015–4/2016

- Incorporated creative lessons, activities and experiential learning into daily teaching and created a structured yet enjoyable learning environment.
- Elevated children's social, language and cognitive, speed reading and comprehension skills, to enable them to enter public school and thrive within a mainstreamed, secondary school classroom.
- Voluntarily stepped into running several after-school programs (e.g. coaching and after-school tutoring) when permanent teachers were unable to fill these roles.

ADDITIONAL EXPERIENCE

Anticorruption Community Development Service (CDS) Kabba/Bunu Kogi State

Group Coordinator 10/2015 – 4/2016

- Delegated effectively, task for each group members.
- Managed periodic trainings and meetings to help enhance members in achieving the group objectives.
- Chief liaison officer between the CDS members and Local Government Inspector.

EDUCATION

UNIVERSITY OF IBADAN, Ibadan, Nigeria

Bachelor of Science in Electrical Engineering, February 2015

- **Activities:** NIEEE, Graduate Member

SKILLS

Microsoft Office (Word, PowerPoint, Advanced Excel), LibreOffice, AutoCAD, Sketchup, Python, C#, HTML, CSS, JavaScript, Arduino, Modbus TCP/IP, Modbus RTU