

**AFOLAYAN ISAAC ADEMIDE**  
Fullstack Developer/ Electrical Engineer.

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**Career Objective:**

Detail-oriented and versatile professional with extensive experience in technology related roles, project management, renewable energy systems, and electrical engineering. Possess a proven track record of successfully managing projects from conception to completion while providing exceptional customer support. Seeking a challenging role in tech to leverage my skills and expertise in driving organizational success.

**Professional Experience:**

Solar Technician | A.o demarg | Feb 2024 – Present.

- Led the redesign and launch of the A.o demarg website, resulting in increased online visibility and engagement.
- Conduct on-site assessments to determine solar panel placement and system specifications.
- Design customized solar energy solutions tailored to client needs and site requirements.
- Manage the installation process, including equipment setup, wiring, and testing, to ensure optimal performance and safety.
- Provide ongoing maintenance and support to maximize system efficiency and longevity.

Back End Developer | Upwork | Jul 2022 - Feb 2024.

- Developed and maintained back-end systems and databases.
- Wrote server-side code using languages such as Python or Java.
- Implemented RESTful APIs for communication between the front-end and back-end.
- Ensured the security and scalability of the back-end systems.
- Responsible for communication with the client, creating proposals, and meeting deadlines.

Research Assistant | Nigerian Defence Academy postgraduate school | Apr 2019 - Nov 2020.

- Successfully authored and published three research papers in the field of power systems engineering.
- Demonstrated strong analytical and technical skills in designing and executing experiments, as well as data analysis and interpretation.
- Contributed to the development of new methodologies and techniques for improving power system performance, reliability, and efficiency.
- Developed and presented research findings to academic and industry audiences.
- Collaborated effectively with team members to achieve common research goals.

Technical Supervisor | Jacfolay Engineering Limited | Jan 2020 - Oct 2020

- Supervised and led electrical teams on construction projects, ensuring on-time and on-budget completion.
- Reviewed and approved electrical plans and specifications, and coordinated with electrical engineers.

- Developed and implemented safety procedures and protocols to ensure worker safety.
- Managed and maintained inventory and equipment, achieving cost savings through the implementation of cost-effective solutions.
- Received positive feedback from customers and clients for quality of work and professionalism.

Registration Officer | Independent National Electoral Commission | Mar 2018 - Sep 2018

- Coordinated a team of officers responsible for voter registration, recording the highest number of registered voters in a single polling unit.
- Conducted coalition of voting results in assigned polling units.
- Educated locals on the importance of the voting exercise.

Electrical Engineering Intern | Transmission Company of Nigeria PLC | Feb 2016 - Aug 2016

- Performed examinations on installations and observed operations of transmission infrastructure.
- Designed electrical schematics of transmission stations.
- Worked closely with system control engineers to ensure the successful running of the transmission system.
- Aided system engineers in setting up communication facilities within the system.

**Skills:**

- MERN Stack Development.
- Web Development.
- Renewable Energy.
- Energy Management.
- Project Management.
- Technical Support.
- Problem Solving.
- Communication Skills.
- Electrical Engineering.

**Education:**

Masters of Engineering in Power systems and Machine Engineering, Nigerian Defence Academy 2022.

Bachelor of Engineering in Electrical and Electronics Engineering, Landmark University, 2017.

**Certificate:**

Python Programming Language, Udemy, 2021.

Frontend Development, Udemy 2021.

**Professional Memberships:**

Member Nigerian Society of Engineers, NSE, 2022.

World Society of Sustainable Energy Technologies.

**References:**

Available upon request.