**Benjamin** **Muoka**

*Renewable Energy Engineer* *| Python Developer*

**Professional Summary**

* A Renewable Energy Engineer with experience in the design and installation of both on-grid and off-grid energy systems. Able to perform site assessment and capable of operating equipment and hand tools. Reliable team player with a personable nature and positive communication style. Looking for a job with an opportunity for professional challenges, skills development and career advancement.

**Work History**

* **Solar Business Executive** *(2020 – 2022)*

*Abuja Graduate School, Abuja*

○ Developed new training programs both local and foreign.

○ Coordinated various training workshops within and outside the institution.

○ Worked with the engineering team to complete various solar installations.

○ Conducted various marketing activities through on-line and in-person discussions.

○ Prepared various written communications, reports and documents.

○ Received and processed equipment into inventory management system.

* **Admin/Customer Relations Officer** *(2016 – 2017)*

*Institute of Management and Technology, Enugu*

○ Provided support to office staff, promoting excellence in office operations.

○ Managed office files and records, adhering to standard procedures to prevent breaches and data misuse.

○ Sorted, opened and routed incoming correspondence and deliveries.

○ Scheduled appointments and meetings, organized presentation materials and developed required databases.

**Accomplishments**

* Managed an engineering team to successfully complete the installation of a 20Kva online inverter system with 360V battery backup.
* Coordinated solar power installation and maintenance workshops across the 36 States of the Federation and the Federal Capital Territory (FCT), between November and December 2021.
* Secured Council for the Regulation of Engineering in Nigeria (COREN) accreditation to deliver SPVI, SPVIS, MGD, EA and EM programs.

**Contact**

**Phone**

+2348179612879

**E-mail**

benmuoka05@gmail.com

**Education**

* **Master of Science (M.S.) - Renewable Energy**

**Engineering**

*Heriot–Watt University, United Kingdom (Oct. 2020)*

* **Bachelor of Engineering (B.E.) - Electrical and Electronic Engineering**

*University of East London, Malaysia (Feb. 2016)*

* Dean's List (2014/2015 Session)
* Dean's List (2013/2014 Session)

**Skills**

* ANSYS
* EnergyPlan
* MATLAB
* Python, C, SQL
* Thermal modelling and analysis
* Solar design and installation
* MS Office

**Languages**

English – Native

**Licenses & Certifications**

* **Python Developer** (2023)

*Brainnest*

* **Associate Member** (2020)

*Nigerian Society of Engineers (NSE)* – *54637*

**Interests**

Reading

Playing soccer