

Obarewo Ayobami Philip

No 1, Kapital Street, Abuja, FCT, Nigeria.

Phone: [+234 805 996 6722](tel:+2348059966722) | Email: obarewo.philip@gmail.com

CAREER OBJECTIVE

Resourceful and innovative Embedded System and Electrical Engineer with extensive experience in the design, installation, and maintenance of traffic control systems and renewable energy solutions. Skilled in coordinating complex engineering projects and providing technical training. Adept at problem-solving and adapting to organizational complexities. Seeking to leverage technical expertise and a collaborative approach in a challenging engineering role, contributing to the advancement of cutting-edge technology solutions.

WORK EXPERIENCE

Embedded System Engineer (Add-Hoc)

Sept 2022 – Present

CyberFlux Nig. Ltd. (www.cyberflux.tech)

- Led advanced LoRa RF and star network topology design, enhancing long-range communication.
- Specialized in IoT system creation using ESP32, focusing on PCB design and firmware programming.

Electrical Engineer I

May 2019 – Present

Traffic Engineering Division, Traffic Management Department, FCTA, Area 11, Garki, Abuja, Nigeria.

- Engineer and design road traffic infrastructures, focusing on enhancing transportation safety.
- Maintain road traffic systems, ensuring optimal performance and reliability.

Embedded System Manufacture & Maintenance (Project)

Nov 2019 – May 2022

Urban Motion Nigeria LTD., Abuja, Nigeria.

- Developed and installed wireless/wired traffic light controllers and rehabilitated intersections.
- Designed and implemented solar power systems for traffic lights, enhancing energy efficiency.

Maintenance and Field Service Engineer (Ad-Hoc)

Mar 2014 – May 2021

KEGA Integrated Networks Limited Plot 167/168 Gate Way Street Nyanya Ext., F.H.A

- Managed maintenance of factory Extruder Motor and control panel
- conducted installation and training for radar systems, including analysis for DRTS Abuja.

Maintenance Engineer (Project Staff)

Mar 2014 – May 2019

Traffic Engineering Division, Traffic Management Department, FCTA, Area 11, Garki, Abuja, Nigeria.

- Handled design, installation, programming, and maintenance of Road Traffic Signal Light Controllers.
- Implemented and maintained solar energy solutions for traffic systems.

Maintenance Engineer (Contract Staff)

Jan 2014 – Mar 2014

Riney Nigeria LTD. Through EDLEY Technologies Nigeria LTD, Abuja Nigeria.

- Conducted repairs of DC inverter systems, ensuring operational efficiency.
- Troubleshoot public LED lighting systems and rehabilitated solar-powered stations in the federal capital territory.

STRENGTHS

- Time management
- Problem-solving skills
- Ethical conduct
- Attention to details
- Teaching Skills
- Proficiency in English Language
- Proficiency in Chinese Language (HSK Level 2)
- Excellent verbal and written communication skills
- Ability to adapt to organizational complexity
- Ability to work independently and also with a group

TECHNICAL SKILLS

- Office suite (word processor, spreadsheet, presentation software)
- Software Programming (basic HTML, JavaScript, Visual Basic and Basic CSS)
- Hardware design/PCB (AutoCAD, Proteus, KiCad, EasyEDA)
- Embedded Firmware Programming (Embedded C/C++/Arduino and Assembly)

CERTIFICATIONS & AFFILIATIONS

COREN Certificate of Membership	2020
Nigerian Society of Engineers (NSE) (50295) Certificate of Membership	2019
National Youth Service Corps (NYSC) Certificate of National Service	2013

EDUCATION

Bachelor of Engineering (BEng.) Electrical & Electronics Engineering Future Leaders High School, Ogun State, Nigeria.	2012
Senior Secondary Certificate Examination (SSCE) Government Science Secondary School, Lokoja, Kogi State, Nigeria.	2006
First School Leaving Certificate (FSLC) Christ Field Nursery and Primary School Lokoja, Kogi State, Nigeria.	1999

PROJECTS & PORTFOLIO

<https://obarewophilip.github.io/>

INTERESTS

Investing in personal portfolio | Reading & Learning | Travelling

REFERENCES

Available on request