

PERSONAL
INFORMATION

Obarewo Ayobami Philip (Technical Services)

📍 Plot 801C Gidan-Mangoro Layout, Orozo, Abuja, 900109, Nigeria

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💬 Skype Knack007

Sex Male | Date of birth 10/11/1988 | LGA Ijumu | State Kogi | Nationality Nigerian

CAREER SUMMARY

To employ all available skill sets in achieving and/or sustaining productivity, profitability, competitiveness and advancement in the provision of technical services, through research, innovative thinking and reverse engineering.

WORK EXPERIENCE

Sept 2020 – to date

Embedded System Engineer (Add-Hoc)

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

- LoRa RF and star network topology design for long-range communication
- SoC and RTOS consultant and firmware developer.
- Power electronics and embedded control systems for power systems.
- IoT embedded systems (ESP32).
- PCB design and PCBA, component sourcing and firmware programming.
- Unit and Integration Tests.

Nov 2019 – May 2022

Embedded System Manufacture and Maintenance (Project)

Urban Motion Nigeria LTD.

- Wireless / Wired Traffic Light Controller design, implementation and installation (www.quadrumtechnologies.tech).
- Design, Installation and rehabilitation of traffic signal light intersections.
- Design and Installation of solar power system.
- Maintenance of traffic light installations.

May 2019 – to date

Electrical Engineer I

Traffic Engineering Division, Traffic Management Department, Federal Capital Territory Administration, Area 11, Garki, Abuja, Nigeria.

- Design and Maintenance of road traffic engineering infrastructures.

March 2014 – to date

Maintenance and Field Service Engineer (Ad-Hoc)

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

- Coordinate day-to-day production of all products.
- Operation and maintenance of factory Extruder Motor and control panel.
- Installation and training (analysis inclusive) of radar system for DRTS Abuja.

March 2014 – May 2019

Maintenance Engineer (Project Staff)

Traffic Engineering Division, Traffic Management Department, Federal Capital Territory Administration, Area 11, Garki, Abuja, Nigeria.

- Design, Installation, programming, and maintenance of Road Traffic Signal Light Controllers and renewable energy (Solar) solution.

Jan 2014 – March 2014	Maintenance Engineer (Contract Staff) Riney Nigeria LTD. Through EDLEY Technologies Nigeria LTD, Abuja Nigeria. <ul style="list-style-type: none"> ▪ Repairs of DC Inverter systems. ▪ Fault tracing and troubleshooting of public LED lighting system. ▪ Rehabilitation of dilapidated Solar Powered Stations within the federal capital territory.
Nov 2013 – Feb 2014	IT Support (Ad-Hoc) Messrs TektronPlus Engineering Abuja. <ul style="list-style-type: none"> ▪ Installation and Programming of Radar Devices. ▪ Provision of usage guide and tutorial for users of Radar Device. ▪ Design and Construction of 3-in-1 6V VRLA Charger for the Radar Devices.
Nov 2012 – Oct 2013	Secondary Science Teacher (National Youth Service Corps Member) Community Secondary School, Awa, Anambra State, Nigeria. <ul style="list-style-type: none"> ▪ Mathematics, Physics and Chemistry Teacher ▪ Patron of Science Club
EDUCATION AND TRAINING	
16 th – 18 th of May, 2016	Traffic Signal Light Operation and Maintenance Workshop (Abuja) FCTA and Polysolar Technologies (Beijing) Co., Ltd. <ul style="list-style-type: none"> ▪ Solar System design, Installation and Maintenance. ▪ Traffic Signal Light Hardware Installation and Maintenance. ▪ Wireless Signal Analysis (Using Tektronix wireless network analyser). ▪ Software Installation and programming of embedded control systems.
Oct 2007 – July 2012	Bachelor of Engineering, Electrical and Electronics Engineering University of Ilorin, Ilorin, Kwara State, Nigeria <ul style="list-style-type: none"> ▪ Advanced Computer Programming ▪ Embedded System ▪ Systems and Control
Sept 1999 – Dec 2006	Senior Secondary School Certificates Government Science Secondary School, Lokoja, Kogi State <i>(West African Examination Council (2005 and 2006))</i>

PROFESSIONAL AFFILIATION

- Member Nigerian Society of Engineers (50295). 2019
- COREN (R56955). 2020

PERSONAL SKILLS

Job-related skills

- Power and Energy Appreciation
- Power Electronics design and manufacture
- Good command of quality control processes
- Troubleshooting (from daily electronics maintenance and repair activities)
- Computing and programming as related to embedded and control systems.

Mother tongue(s)

Yoruba (Nigeria)

Use of English

TOEFL 2017 (iBT) Proficiency Tests Score: 88

Chinese Proficiency

HSK Level 2 (In view)

Communication skills

- Excellent communication skills gained through my experience as a Student, Teacher and Team Leader

Organisational / managerial skills

- Leadership (2013 – 2019) responsible for a Team of 8 Maintenance Technicians and graduate engineers.

Digital competence

Based on Self Development and Practical Problems Solved

- Hardware design/PCB (Proteus, KiCad, EasyEDA)
- Embedded firmware programming (Embedded C/C++/Arduino and Assembly)
- Software Programming (basic HTML, JavaScript, Visual basic and basic CSS)
- Currently improving on Python Language and Altium software proficiency
- Simple Web Programming (IoT)
- Office suite (word processor, spread sheet, presentation software)

Driving licence

Class B (Nigeria) Since Nov. 2010

REFERENCE

(Available on request)



Obarewo Ayobami Philip (<https://www.linkedin.com/in/ayobami-obarewo-54b0427a/>)