



EDUCATION

Bachelor of Engineering (B.Eng.)

2019 – 2024

Elizade University

Ilara-Mokin,

- 4.01/5.0 CGPA (Second Class Upper Honours)

Akure,

- Top 3% performer in Electrical & Electronics

Nigeria.

Engineering

High School Diploma

September 2014 – Jul 2019

Senior High School Diploma

Abuja, Nigeria

- *Jewel Model*

September 2016 – July 2019

Junior School Diploma

Abuja, Nigeria

- *Anglican Comprehensive Secondary School*

September 2014 – July 2016

SKILLS

Team Working Skill

Electrical Wiring & Metering Installation skill

Communication, Teamwork and Leadership skills

Embedded Systems

Control & Automation of Electronics

Solar installation techniques skill

Control & Automation of Electrical Systems

Ladder Logic Programming of PLCs

Electrical Systems Troubleshooting

Control Systems analysis and troubleshooting

CERTIFICATES

- **Member, Institute of Electrical Electronics Engineering (IEEE)**

- **Member, Nigerian Society of Engineers (NSE)**

PROFESSIONAL EXPERIENCE

Ibadan Electricity Distribution Company (IBEDC) site

August – October 2020

Intern

Abuja, Nigeria

- Gained hands-on experience in electrical wiring and involvement with the wiring and metering of MURG plaza Abuja.
- Responsible for connecting of prepaid metering systems and mounting of these systems in various blocks of the plaza
- Learned about the electrical distribution system and metering infrastructure
- Surface Wiring, Busbar wiring, and Feeder Pillar troubleshooting were some acquired skills

Nigerian National Petroleum Cooperation (NNPC)

August – October 2022

Intern at NETWORKING department

Abuja, Nigeria.

- Reconnected data cables for telephone and router services
- Troubleshot and maintained the company's communication infrastructure
- Collaborated with the IT team to ensure reliable network connectivity

Nigerian National Petroleum Company Limited (NNPCL)

APPLICATION DEVELOPMENT department

April – September 2023 *Intern at*
Abuja, Nigeria.

- Developed proficiency in HTML and CSS programming
- Contributed to the development of web-based applications
- Gained exposure to the integration of electrical systems with software

Nigerian National Petroleum Cooperation (NNPC)

Intern at ELECTRICAL department

August – October 2023
Abuja, Nigeria.

- Learnt the Electrical wiring diagram analysis of the NNPC Towers
- Troubleshoot Power Outage Failure within some parts of NNPC Towers
- Learnt about the Gas Generators which provides steady power supply to the NNPC Towers

DOT Matrix Engineering Limited

Intern

July – August 2023
Abuja, Nigeria.

- Worked with automation systems such as relay contactors and Programmable Logic Controllers (PLCs)
- Performed electrical house wiring and automation technique
- Designed and implemented control systems using Ladder Logic Programming
- Gained experience in home electrical design and automation
- Involvement in COREN assembly 2023 on the advancements of artificial intelligence in automation
- Worked on development of automatic changeover relay system, using relays and timers

PROJECTS

Electrical Wiring

Electrical

August – October 2020
Abuja, Nigeria.

I was assigned to conduct a surface wiring under the supervision of Engr. Idowu on the MURG plaza project. The wiring method is the surface wiring due to the “tapping” of wire by different shop owners, thereby evading excessive bills on their meters. The busbar connection was also faulty, copper rods were used for the system whereby an underground cable is connected as the supply to the busbar from the feeder pillars (which has been de-fused) and then connected to the meters of different shops

Network Troubleshooting

Telecommunications

August – October 2022
Abuja, Nigeria.

I was assigned to troubleshoot a network error concerning the communication of telephone landlines within the NNPC Towers. I was supervised by Mr. Ben on this project.

I was also involved in the troubleshooting of network cables. The cat 6 Network cable was used, I learnt the crimping and colouring arrangement of the cables and the arrangement on the server rack

Control System

Control and Automation

July – October 2023
Abuja, Nigeria.

A programmable logic controller was used to design a simple automation system using ladder logic programming to control a switching system of electricity from distributed power supply to any alternative distributed power supply system at DOT Matrix Engineering Ltd.

Created a direct online starter system for a three-phase and single-phase power system.

An automatic Power Supply-Solar changeover design and implementation was executed

Learnt about the Gas Generators which uses a PLC control system embedded with ladder logic configuration to show the amount pf energy produced from each generator, the gas supplied and fault detection in cases of any.

This application interfaces a hardware system for a smart irrigation system with a software system. The software system involves the use of google firebase system as the backend and flutter development as the frontend. The frontend sends a control signal to the hardware to release a water system for the irrigation of a farm and some soil parameters are measured using sensors which are displayed on the application
This project comprises of a micro-controller and sensor measuring instruments for initialization and implementation.

AWARDS

Award of Service

- President Nigerian University of Engineering Student Elizade Chapter (NUESA), 2023/2024 Academic Session
- President Institute of Electrical and Electronics Engineering University Elizade Student Body (IEEE) 2023/2024 Academic Session
- Vice President Institute of Electrical and Electronics Engineering University Elizade Student Body (IEEE) 2022/2023 Academic Session
- Financial Secretary Institute of Electrical and Electronics Engineering University Elizade Student Body (IEEE) 2021/2022 Academic Session
- Graduate Member Nigerian Society of Engineers (NSE) 2024 - Present