

# IBIGBAMI IFEOLUWA TEMITAYO

Surulere, Lagos, Nigeria

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## **PROFESSIONAL PROFILE**

Results-driven Electrical and Electronics Engineer with strong expertise in electrical circuit design, industrial automation, and maintenance engineering. Proven track record of delivering high-quality electrical installations, smart home solutions, and preventive maintenance for both residential and industrial systems. Skilled in troubleshooting electromechanical systems, predictive maintenance, and automation integration. Passionate about leveraging innovative electrical systems to enhance performance, safety, and energy efficiency in the automobile and industrial engineering sectors.

## **PROFESSIONAL EXPERIENCE:**

**Skyway Aviation Handling Company (SAHCO), Lagos, Nigeria July 2023 – till Date**

***Position: Senior Technical Engineer (Engineering and maintenance)***

- Led the rescue and reinstallation of the Boeing 777(200) air conditioning unit, earning an invitation from the Guinault Aircraft Power manufacturer for exceptional performance within just one year of joining SAHCO.
- Conducted predictive maintenance and conditioning monitoring for aircraft ground power units (GPU), forklifts, conveyor belts, and air conditioning units, achieving a 20% reduction in equipment downtime.
- Executed electrical fault analysis and root cause detection, restoring critical systems to full operation under tight deadlines.
- Supported the installation of solar photovoltaic systems, contributing to sustainable power solutions at the facility.
- Ensured 100% compliance with safety and environmental regulations, reducing risk incidents during operations.

**Jomepriz Multibiz & Technical Ltd. – Lagos, Nigeria October 2021 – October 2022**

***Position: Engineering and Maintenance Engineer***

- Assisted in the construction and maintenance of gas pipelines, water hydrants, and industrial kettles, improving operational efficiency and safety compliance.
- Diagnosed and resolved noise and electromechanical faults between oxygen compressors, restoring optimal performance and minimizing disruptions.
- Conducted routine system inspections and equipment testing, improving early fault detection and reducing maintenance costs.
- Collaborated with engineers and technicians to troubleshoot complex industrial issues, reducing project delays by 15%.

- Prepared project plans and budget inputs, aligning technical solutions with business and operational goals.

**Samrayo Nigeria Ltd.** – Lagos, Nigeria

**June 2020 – Oct 2021**

**Position: Electrical Intern & Project Supervisor**

- Designed and installed smart home systems and household electrical wiring, delivering over 10 residential and commercial projects that met safety and efficiency standards.
- Supervised electricians and ensured on-time project delivery within budget, resulting in zero rework on installations.
- Collaborated with architects and civil engineers to integrate electrical systems seamlessly into overall building designs.
- Conducted electrical testing and inspections, ensuring full compliance with safety codes and client specifications.
- Trained junior electricians on installation techniques and safety standards, enhancing team productivity and competence.

**Bisnik Global Ventures** – Lagos, Nigeria

**November 2013 – July 2015**

**Position: Inventory Manager**

- Managed the inventory of building materials, ensuring 98% stock accuracy and on-time material supply for construction projects.
- Developed and implemented inventory control procedures, reducing material wastage by 25%.
- Collaborated with suppliers and project teams to streamline logistics, preventing stockouts and work stoppages.
- Conducted regular audits to reconcile discrepancies, ensuring accountability and cost control.

## **KEY ELECTRICAL PROJECTS**

### **1. Smart Home Automation (IoT System)**

- Designed and built a Blynk + ESP32-powered smart home system to control lighting, water levels, socket outlets, and air purity remotely.
- Integrated multi-sensor automation with Python programming for real-time data monitoring and system responsiveness.

### **2. Electrical Wiring of 5-Bedroom Duplex**

- Executed full wiring and installation plan, including distribution boards, lighting, and sockets, ensuring compliance with national electrical codes.

### **3. Electrical Wiring of 5-Bedroom Bungalow**

- Designed and implemented an optimized wiring layout that enhanced electrical efficiency and system safety.

## **EDUCATIONAL QUALIFICATION**

**Federal University Oye-Ekiti (FUOYE)** – Ekiti State, Nigeria, **October 2015 – Aug 2021**  
Bachelor of Engineering (B.Eng.) in Electrical and Electronics Engineering

**Federal Government College, Odogbolu** – Ogun State, Nigeria, **August 2007 – July 2014**  
Senior Secondary Certificate (O'Level)

## **PROFESSIONAL CERTIFICATION**

- Graduate Member, Nigerian Society of Engineers (GMNSE)
- Certified Project Manager (IPRM)
- Certified Human Resources Manager (IPRM)
- Guinault Aircraft Ground Energy Certification
- Health, Safety, and Environment (HSE)
  - Level 3: Environmental Awareness
  - Level 2: Risk Assessment & Practical Application
  - Level 1: Health and Safety at Work

## **SKILLS:**

- Proficiency in Microsoft Office suite- Microsoft Word, MS Excel, and MS PowerPoint.
- Electrical Circuit Design & Installation
- Smart Home Automation (Grenton, ESP32 & Blynk)
- Proficiency in Grenton Smart Tools
- Informatic and machine language (HMI and PIC programming)
- Electrical Supervision & Safety Compliance
- Predictive & Preventive Maintenance
- Proteus for Electrical Schematics
- Solar Photovoltaic Installation
- Strong interpersonal skills, effective team player, and leader.
- Administrative and organizational skill
- Excellent written and verbal communication skill
- Great problem-solving and multitasking skills.

## **Languages:**

English (**Fluent**), Yoruba (**Proficient**)