

## HAMZAT HABIBLLAHI ADEWALE

Plot 6/8 Araromi Igbehinadun Community, Road 1, Ajofeebo, Sanyo Area, Ibadan, Oyo State, Nigeria

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### ACADEMIC QUALIFICATIONS

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**FEDERAL UNIVERSITY OF AGRICULTURE ABEOKUTA (FUNAAB)** 2015  
Bachelor of Engineering (Electrical and Electronics Engineering); second class upper.

**OLADIPO ALAYANDE SCHOOL OF SCIENCE** 2009  
West Africa Senior School Certificate.

### SKILLS

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#### Software development

- 1) Programming languages: Kotlin, Java and C++
- 2) Micro-service development using Java with spring framework, Tomcat server, Hibernate and MySQL database
- 3) Native Android mobile application development using Kotlin with Android Standard Developmental Kit
- 4) Embedded/Internet of Things development (IoT) using C++ on Arduino and Arduino compactible platforms
- 5) Cross platform desktop application development using Java with JavaFX framework

#### Electrical

- 1) Mini grid management
- 2) Solar system design and development
- 3) Electrical installation (conduit and surface).
- 4) Solar hybrid installation

### PRESENTATIONS

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Presentation: DESIGN OF INDUSTRIAL BASED TEMPERATURE AND HUMIDITY MONITORING SYSTEM USING EMBEDDED SYSTEM APPROACH FOR HEALTH AND SAFETY.

*The Nigerian Universities Engineering Students' Association (NUESA) Conference. 2015. Nigeria.*

### COMMUNITY SERVICES

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**National Youth Service Corp (NYSC) teacher** 2016 – 2017  
Abonnema Girls School, Abonnema, Rivers state, Nigeria

### PROFESSIONAL EXPERIENCE

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**Rubitec Nigeria Limited**, Lagos state, Nigeria 2019-Recent

Role: Utility Manager

Responsibilities:

- 1) Management of 85KWp solar mini-grid power generation, distribution and consumption
- 2) Monitoring and supervision of power sales
- 3) Sighting of viable communities for Rubitec solar min-grid development and data collection from such communities using Kobo collect tool.
- 4) Installation of solar powered DC system and AC coupled system

**Code Trik Nigeria Enterprises** 2018 – 2019

Role: Junior software developer

Responsibilities:

Development of desktop software and embedded solutions.

Role: Embedded system developer

Responsibilities:

- 1) Design, development and simulation of analogue, digital and embedded system as a control solution.
- 2) Installation of a solar hybrid system as a sustainable and renewable electrical energy source for clients.
- 3) Fundamental electronics trainer.

**HIC mikroLAB**, Ogun state, Nigeria

2014-2015

Industrial attachment trainee.

Responsibility:

To technically participate in all indoor and outdoor works as a trainee.

Solar power development and installation trainee.

Electronics trainee.

## ABOUT

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I am graduate of Electrical and Electronics Engineering with tangible and continuous work experience in solar development and software development. With respect to software development, I am a JVM and embedded programmer with sound knowledge of Java and Kotlin JVM languages alongside C++. My carefully chosen skills are aimed at developing control, monitoring and management solutions applicable in renewable energy sector. I am team oriented and being part of something greater than me I my pleasure.

## PERSONAL DETAILS

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**Date of birth:** 29th January 1992, **Nationality:** Nigerian, State of Origin: Ogun State

**Local Government Area:** Abeokuta-South, Sex: Male

## HOBBIES AND LEISURE INTERESTS

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- Watching technological audio visuals.
- Playing video games and watching movies on Netflix.

## MORE ABOUT ME

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<https://habibllahi.github.io/personal/>