ABOUT

A passionate Web and Software Developer with a strong focus on backend engineering. I specialize in PHP, Java, Python, API development, firmware design, and full-stack web development. I have hands-on experience with Laravel, WordPress, Django, Next.js, CodeIgniter, and various frontend technologies.

SUMMARY OF EXPERIENCE

* Having **6+ years** of diversified experience in **Backend Development**, **API Integration** and **Firmware Designing**.

**Web Development**

* Good understanding of **APIs**, **REST**, **RPC**, **JSON**, **SOAP**, **XML** data.
* Created a payment system using External API integration.
* Developed a **Social network** with user ability to Post, View post, Follow, Unfollow, Profile edit, Notifications, Settings etc.
* Created an **Ecommerce dashboard** for Wordpress Woocommerce plugins and themes for better user interface experience.
* Developed an **IoT dashboard** with good UI to control or display the status of firmwares over the internet.
* Designed a **Hospital Management website** for [**Hospinox.com**](https://hospinox.com/)with Admin dashboard login access for their workers.
* Designed the backend of [**Billro.com**](https://billro.com/) and [**Hilltoppay.co**](https://hilltoppay.co/) **Payment Solution Website** and integrated API to communicate with their Mobile Apps.
* **Worked remotely** to create backend for [**Travsify website**](http://travsify.com/) **and** [**TravsifyB2B.com**](https://travsifyb2b.com/)where users can book Flights, Hotels and Visas.
* I worked with a **Team of 4 members** to design[**Triplyte Travel Agency Software**](file:///C:\Users\USER\Downloads\upwork.com\services\product\development-it-flights-hotels-tours-transfers-boats-visa-cruises-booking-software-1787430687055702679%3fref=project_share)(A platfrom to sell, resell flight and hotels using APIs).

**Firmware Engineering**

* Great knowledge in **Arduino**, **Raspberry pi**, **NodeMcu** and other **Microcontollers**., IoT projects.

AYODELE

JOHN

CONTACT

**Phone:**

[**+234 808 014 4546**](https://wa.link/bt2o44)

**Email:**

[**ayodelejohn05@gmail.com**](mailto:ayodelejohn05@gmail.com)

**Portfolio:**

[**https://official-john.github.io/**](https://official-john.github.io/)

**Twitter:**

[**https://x.com/ayodelejohn05/**](https://x.com/ayodelejohn05/)

LANGUAGES

French – C2

English – A1

Yoruba – A2

CERTIFICATIONS

PHP Framework (certificate): Laravel, Codeigniter.

Strong Programming Languages: PHP, Python, JavaScript, HTML5, JAVA OOP, CSS, MongoDB, MySQL, Arduino.

* Developed automatic solar tracker, AFIT Competition Spree 2.0 Winner – Presented an student biometric attendance system, fuel quality tester, **PIC** programmer kit, Robotic cars, Home automations.
* Created an **andriod app** in andriod studio to communicate wirelessly to firmwares via bluetooth, Wi-Fi, and Internet.
* Developed **GPS** based car traking system with google maps Integration, IoT based anti-bulgrary system, **IoT** based weather station, **RFID** based security access system.
* Worked with an engineer at **Upwork Inc.** to generate power using a **seebeck effect** of temperature difference.

**DevOps**

* Creation of a webserver on **Google cloud platforn**, **AWS** virtual machine using python(linux).
* Knowledge in creating servers with **Docker** to deploy and manage web applications.
* Created, mannage and maintain a **Trip planner bot** for Triplyte Travel Agency Groups.
* Also Designed **Kidgital bot** that ives parent advice on how to handle some certain child’s situation based on **trained data**, **keywords** and **Q&A** knowledge base using **[Huggingface.co](https://huggingface.co/),** [**Google Gemini API**](https://ai.google.dev/) and **[Open AI GPT-o4](https://platform.openai.com/docs/overview)** Model.

Core Competencies

|  |  |
| --- | --- |
| * **Programming Languages**: * **Software/Tools**: * **Skills**: | JAVA, Arduino, PHP, MYSQL, Javascript, Python, HTML, CSS, C++, C#, Next.JS, MongoDB.  Arduino, Postman, PyCharm, Intellij Idea, VS Code, Processing(JAVA), Android Studio, Notepad ++, XAMPP Localhost, Command Prompt.  Programming, Debugging, Hardcoding, Designing, Modelling, Soldering, Testing, Monitoring. |

Professional Work Experience

* **Firmware Engineering** - 09/2018 – 11/2019

[**Jasayo Energy**](https://jasayoenergy.com.ng/), Ibadan.

* **Full-stack Developer** - 09/2019 – 02/2023

[**Travsify Global Inc**](https://travsifyb2b.com/)**.**, San Francisco CA 94107.

* Full-stack developer @ Travsify Global Inc. one of the company with best travel services like Flight booking and resell, Hotel booking and resell, Visas, Tour etc.
* **Software Developer (Freelancer)** - 03/2023 – **Till date**

Freelancing across platforms.

Education

* Bachelor of Engineering: **Aerospace Engineering** – Final year student at

**Air Force Institute of Technology**, Kaduna. Graduation till 2026.

* Intellectual Skills: **Electronics, IoTs, Automations** – 2016 - 2018

**Multisonic Academy**, Ibadan.