JOHN AYODELE

Software Developer | Web Consultant | PHP Dev. | API Integration Expert.

CONTACT

Phone:
+234 707 204 2313

Email:
me@johnayodele.dev

Portfolio:
https://johnayodele.dev/

Twitter:
https://x.com/ayodelejohn05/

LinkedIn:
https://www.linkedin.com/in/ayodelejohn05/

LANGUAGES

French – Intermediate
English – Native
Yoruba – Fluent

CERTIFICATIONS

PHP Framework certificate: Laravel, Codeigniter.

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

HIGHLIGHTS

- Built B2B travel system for 5+ agencies.
- Integrated 20+ APIs (payment, booking, etc.).
- Ensured 99.9% client uptime.

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

- Over 6 years of experience in backend development, API integration, and firmware engineering.

Web Development
- Strong understanding of APIs and data exchange formats including REST, RPC, JSON, SOAP, and XML.
- Created a payment system using External API integration.
- Developed a Social network with features like posting, viewing, following/unfollowing, profile editing, and notifications.
- Built an improved UI dashboard for WooCommerce plugins and themes.
- Developed a responsive IoT dashboard with real-time status monitoring to control firmwares over the internet.
- Designed a hospital management website for Hospinox.com with Admin dashboard login access for their workers.
- Designed and developed the backend systems for Billro.com and Hilltoppay.co, integrating APIs for seamless mobile app communication.
- Worked remotely to create backend for Travsify website and TravsifyB2B.com where users can book Flights, Hotels and Visas.
- I worked with a Team of 4 members to design Triplyte Travel Agency Software (A platform to sell, resell flight and hotels using APIs).
- Developed SpetaAcademy.com, a custom LMS platform.

Firmware Engineering
- Great knowledge in Arduino, Raspberry pi, NodeMcu and other Microcontrollers, IoT projects.

- **AFIT Competition Spree 2.0 Winner** – Presented a student biometric attendance system. Engineered multiple embedded projects: solar tracker, fuel quality tester, PIC programmer kit, and robotic vehicles.
- Created an **Android app** in Android Studio to communicate wirelessly to firmwares via bluetooth, Wi-Fi, and Internet.
- Developed GPS-based car tracking system with Google Maps integration, an IoT-based anti-burglary system, **IoT** based weather station, **RFID** based security access system, and smart home systems.
- Worked with an engineer at **Upwork Inc.** to generate power using the Seebeck effect from temperature differences.

DevOps
- Deployed web servers on GCP and AWS using Python on Linux environments which reduced server response time by 30%.
- Knowledge in creating servers with **Docker** to deploy and manage web applications.
- Created, managed and maintained a **Trip planner bot** for Triplyte Travel Agency Groups.
- Also designed **Kidgital bot** that provides parenting advice on how to handle a specific child-related situation on **trained data**, **keywords** and **Q&A** knowledge base using Huggingface.co, Google Gemini API and Open AI GPT-04 Model.

Core Competencies

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

Professional Work Experience

- ✓ **Firmware Engineer** - 09/2018 – 11/2019
  Jasayo Energy, Ibadan.
- ✓ **Full-stack Developer** - 09/2019 – 02/2023
  Travsify Global Inc., San Francisco CA 94107.
  - Full-stack Developer at Travsify Global Inc., a company known for providing top-tier travel services like flight booking and resale, hotel booking and resale, visas, tours, etc.
- ✓ **Software Developer (Freelancer)** - 03/2023 – **Till date**
  Freelancing across platforms.

Education

- ✓ Bachelor of Engineering in **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.