JOSEPH O. OLAITAN

SOFTWARE ENGINEER | FULL-STACK DEVELOPMENT | API INTEGRATION | DATABASE MANAGEMENT

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Portfolio: https://destifaith.github.io/destora-portfolio/

PROFESSIONAL SUMMARY

➢ Versatile software engineer with hands-on experience across Ghana, Nigeria, and remote environments-skilled in full-stack development, API engineering, data systems, and automation. Adept at turning complex requirements into reliable, scalable solutions using PHP, JavaScript, Python, Webflow, and modern frameworks.

➢ Strong communicator with a background in customer relations and stakeholder engagement, ensuring technical solutions align with user needs and business goals.

CORE COMPETENCIES

➢ **Software Development:** PHP, Laravel, Django, Flask, Node.js (basic), React, Next.js, JavaScript, HTML/CSS, Webflow

➢ **API & Integrations:** REST APIs, Google Maps API, Payment Integrations

➢ **Database & Data Systems:** Oracle Database Admin, JSON structures, ETL (Informatica PowerCenter), Replication & Failover

➢ **Tools & Technologies:** Git/GitHub, Webflow CMS, Linux Server Management, DevOps (basic)

➢ **Collaboration:** Cross-functional teamwork, requirements gathering, user-centric design, technical documentation

KEY ACHIEVEMENTS

➢ Built custom booking and routing modules using Google Maps APIs that improved user experience and reduced trip-planning time for over **1,000+ monthly users** on a growing African travel platform.

➢ Designed scalable database models and implemented multi-value JSON structures to streamline live pricing, reducing API latency and improving performance.

➢ Managed mission-critical Oracle databases with high-availability setups, achieving a **significant reduction in downtime risks** through replication and failover strategies.

➢ Delivered successful ETL pipelines powering real-time reporting dashboards used by decision-making teams across multiple departments.

➢ Trained over **50+ students** across SHS institutions in Ghana on programming, robotics, and fundamental computing

PROFESSIONAL EXPERIENCE

❖ Full-Stack Developer

➢ **Travel Afric – Accra, Ghana**   **2024 – 2025**

- Developed a full travel and booking platform using **pure PHP**, focusing on performance, speed, and scalability.
- Integrated payment gateways including **Stripe** and **Paystack**, enabling secure multi-currency transactions.
- Implemented automatic **currency conversion** based on user location using real-time exchange rate APIs.
- Connected multiple third-party APIs for hotels, tours, and travel services to improve booking options and user experience.

VOLUNTEER ACTIVITIES

AYOGG, Ghana

September 2023 – Present

> ➢ Teaching SHS students (WINTON and PAMASS) Python, Java, Arduino, Raspberry Pi, and basic engineering concepts.
> ➢ Helping students apply technology to solve everyday community challenges.

PROJECTS

Travel & Booking Engine With Multi-Currency Support   Travel Afric

> ➢ Developed a full booking engine using **pure PHP**, handling tours, hotels, and destination bookings.
> ➢ Integrated **Stripe and Paystack** for seamless online payments.
> ➢ Built automatic **geo-location currency conversion** enabling users to pay in their local currency.
> ➢ Connected multiple travel APIs to populate hotels, pricing, and tours in real time.

EDUCATION

> ➢ **Regent University of Science & Technology – Ghana**   BSc. Computer Engineering
> **September 2016 – August 2020**

SKILLS

Backend Development

> ➢ PHP (Laravel)   ➢ Python (FastAPI , Django & Flask)
> ➢ Node.js (Basic)

Frontend Development

> ➢ Webflow & Wordpress   ➢ React   ➢ Next.js

Database & Data Systems

> ➢ MySQL   ➢ PostgreSQL   ➢ NoSQL

APIs & Integrations

> ➢ RESTful APIs
> ➢ Payment Gateway Integration (Stripe, Paystack, Flutterwave)
> ➢ Third-party API Integrations (Maps, Travel APIs, Webhooks)

INTERESTS

> ➢ Nature & Wildlife Conservation   ➢ Regional Development
> ➢ Children Empowerment