

OSEMEMEN OGBE

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Skills

PHP, Laravel, Node.js, Express.js, Python, MySQL, PostgreSQL, MongoDB, Redis, React.js, Next.js, Vue.js, Git, Github Actions, Docker, AWS, Linux Administration.

Experience

February 2025 - till date

Moneta - *Back-end Developer, Banking Aggregation Team*

My core role involves developing and maintaining Moneta's **banking aggregation layer**, integrating multiple **core banking providers** used by microfinance banks in Nigeria

- Integrated **Hashicorp Vault** into the Laravel backend for secure management of secrets.
- Built secure API connectors to standardize and unify banking services across different providers
- Optimized APIs for performance, error handling, and caching with **Redis** to improve response times
- Created transactional endpoints for onboarding customers on Moneta core banking, facilitating intra-bank and inter-bank transfers, automating reversals for failed transfers, internal wallet system and utility payments
- Integrated with an HML aggregator to offer mobile banking services via USSD across multiple telecom networks

May 2024 - December 2024

Legend Internet - *Full-stack Developer*

Worked as a full-stack developer, contributing to the development and enhancement of Legend Internet Ltd's platforms, including Legend Pay, Legend POS, and subscription management systems for Fiber and Wi-Fi services.

- Integrated FCMB Virtual Wallet APIs to create merchant accounts on Legend Pay and implemented **Flutterwave APIs** for wallet withdrawals and funds transfers.
- Developed Laravel services and queued jobs to integrate Srun Triple-A system APIs, enabling seamless subscription management for Legend's Fiber and Wi-Fi customers.
- Integrated **Customer.io** to automate email and SMS notifications, enhancing customer engagement and communication.
- Built multiple front-end modules for Legend Pay and Legend POS using:-
 - **Vue 3 Composition API** for structured and efficient code.
 - **Shadcn-Vue** as the UI library for visually appealing and consistent interfaces.
 - **Vue Router** for client-side routing.
 - **Pinia** for state management.

- **ApexCharts.js** to create interactive and visually compelling charts.
- Set up CI/CD pipelines using **GitHub Actions**, ensuring smooth deployment for Laravel and Vue 3 projects.

This role allowed me to deliver robust, scalable, and user-friendly solutions, driving operational efficiency and enhancing user experiences across Legend Internet's platforms.

June 2023 - May 2024

EFNetwork – *Back-end Developer*

Contributed to the development of GabTaxi, a ride-hailing start-up offering affordable and safe transportation services across Nigeria, with functionality similar to Bolt.

- Developed a microservice architecture using Laravel, ensuring scalability and modularity of the platform.
- Integrated **Redis Geospatial Indexes** for geofencing, calculating driver-to-rider distances, and efficiently routing passenger ride requests.
- Leveraged **Firestore Real-Time Database** and **Pusher** to implement real-time features such as ride requests, trip status updates, and push notifications.
- Integrated **Paystack Payment Gateway** to handle secure card payments for trips and driver wallet withdrawals.
- Utilized **Agora** APIs for enabling real-time voice calls and messaging between drivers and riders, ensuring seamless communication.

Played a pivotal role in delivering a reliable back-end infrastructure, enabling GabTaxi to offer seamless ride-hailing services while ensuring scalability and real-time capabilities.

January 2023 - October 2023

SiiTech – *Full-stack Developer (Contract)*

Project: NEPZA E-Portal Development

Contributed to the development of two interconnected web applications:

1. E-Portal for NEPZA to oversee Free Trade Zone activities in Nigeria.
2. Proprietary software for Free Trade Zones to process registration and licensing requests for businesses setting up within their zones.

- Developed Laravel REST APIs with advanced features including custom requests, guards, events, observers, and jobs.
- Built a robust web portal for NEPZA departments to appraise Free Trade Zone applications and manage license issuance/renewals.
- Integrated **Remita Payment Gateway** to handle secure electronic payments for business applications.
- Designed and implemented the front-end of the Zones e-Portal using Next.js.
- Managed file storage with **Amazon S3 buckets** for efficient and secure document handling. Set up email notifications leveraging Laravel Mailables and SendGrid for transactional and status update emails.

This contract role involved collaborating with a multidisciplinary team to deliver high-quality software solutions aligned with NEPZA's regulatory and operational needs.

Projects

GreenFlats (*Founder*)

A property listing and booking web app built with Next.js and Typescript. Other project dependencies include TailwindCSS, Prisma ORM, MongoDB, Cloudinary (file storage) and Zustand (state management). Still in development. (<https://github.com/oseogbe/greenflats>)

DearFabrics (*Freelancer*)

An e-commerce solution I built for a client with Next.js and Sanity.io (a headless CMS). Some other tools and packages I made use of include TypeScript, TailwindCSS, Swiper.js, Zustand, UseShoppingCart, Paystack and Sanity client. (<https://github.com/oseogbe/dearfabrics>)

Education

January 2019 - December 2020

University of Derby, UK - *BSc. Computing and Information Technologies (Top-up)*

Core modules included Computing Technologies in Society, Web Development, Database Fundamentals and Network Management and Security.

April 2018 - December 2018

Institute of Commercial Management, UK - *Advanced Diploma: Professional Computing and Information Processing*

Areas of concentration included Hardware and Operating Systems, Managing Computer Systems, Networks and a Feasibility Study

February 2016 - March 2018

Nspire School of Management and Technology, Nigeria - *National Diploma: Computer Software Engineering*