

Oluwatosin Amokeodo

Backend Engineer (PHP/Golang/Python) with a strong understanding of server-side web development. I am skilled in designing, building, and deploying scalable APIs, integrating with third-party services, and ensuring optimal performance.

WORK EXPERIENCE

SEOMonitor, Remote — Senior *Backend Engineer*

Mar 2022 - Present

- **Improved system performance:** Led the development of the (keyword explorer) system, including database architecture, database distribution using Citus PostgreSQL extension, and Backend architecture, which significantly improved system performance by 40%, making it faster and more efficient.
- **Easy integration with third-party services:** Designed the public APIs and SDK that make it easier for more than 600,000+ clients to integrate with the company's services, and provide a more seamless experience for users.
- **Better data analysis:** Designed the backend APIs for Keyword performance, Keyword Rank Data, Ranking Domain and URLs (SERP), Keyword Cannibalization Issues, Keyword Competition, IDs of tracked Keywords, and Check Keywords Import Status which provide more in-depth data analysis, allowing companies to make better decisions regarding their SEO strategies.
- **Reduced maintenance costs:** The development of database functions to improve database CRUD operation and reduce maintenance costs by 35% making the system more efficient and reducing the need for manual interventions.

Gokada, Remote — *Backend Engineer*

Oct 2021 - Nov 2022

- **Improved order management:** Designed The Batch Order System's architecture and APIs which helped in the effective and efficient management of orders by 60%. The system's Admin dashboards allow dispatchers to easily assign batch orders to drivers, change order statuses, verify batch orders, and configure order constraints.
- **Enhanced security:** Built APIs for token and OTP Generations and validation using Infobip SMS services and the integration of third-party API for middleware authorizations, enhances the system's security, reducing the risk of unauthorized access or data breaches by 80%.
- **Efficient data analysis:** Built APIs for showing Pilot Performances, Aggregating, Feedback, and awarding Points, and participation in building a Meta-data system for admin to perform quick data filtering of over 30,000,000+ records to provide valuable insights into the company's performance.
- **Easy integration:** The built SDK for developers to easily integrate the Batch Order System into their own application makes it easier for more than 25,000+ dispatch partners to use and integrate the system with their own applications, which leads to more 35% widespread adoption and more tremendous success for the company.
- **Increased productivity:** The webhook for Developers' updates and the CLI logic for complex data calculation such as Pilot Performances, Aggregating, Feedback, and Points assignment help automate certain aspects of the company's operations, increasing productivity and efficiency by 40%.

Alphacx, Remote — Lead *Backend Engineer (Contract)*

Apr 2021 - Aug 2021

- **CRM Solution:** Led 10 backend developers in the designing of the architecture of the customer ticketing application, including the Helpdesk and Ticketing Module, Help Center module, Self-Service Portal module, Survey, and Customer Satisfaction Module, and Conversation Inbox module to help companies improve their customer service and support capabilities by 45% and onboarding 6,000,000+ users to the platform.
- **Enhanced security:** The design of the application's security features, including policies, roles and permissions, application security, and Active directory configurations, enhance the system's security, reducing the risk of unauthorized access or data breaches by 85%.

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TECHNOLOGIES

Stack

PHP, Golang, Python, Laravel, Symfony, Lumen, Flask

Other

MySQL, PostgreSQL, RabbitMQ, Docker, AWS, GCP, Azure, Heroku, Paystack, REST API, Firebase, Cloud functions, Elasticsearch, JIRA, Nginx, RESTful API, AWS, Docker, Flask, Redis, Citus, UML, Jenkins, Linux, AWS (EC2, S3, Route53, ASG, LT, SG, IAM), Cloudwatch, LB, TG, VPC, Subnetting,

PROJECT LINKS

[Project Links](#)

EDUCATION

University of Texas, USA

PGD Cloud Computing
2023 - present

Alabian Solution, Nigeria

Diploma in Web Development
2016 - 2016

University of Lagos, Nigeria

Bachelor of Arts in Philosophy and Logic
2010 - 2016

LANGUAGES

English C2, fluent

Yoruba native

Hausa intermediate

Certification

International Business Machine (IBM),

Web Development 2021

International Business Machine (IBM),

Agile Intro 2021

- **Efficient data analysis:** The development of APIs for payment transactions, SMS API, and Admin Dashboards API provide valuable insights into the company's performance. The data helps the company make data-driven decisions to improve its operations which saw a 55% overall increase.
- **Easy integration:** The design of APIs for automation, permissions, and integrations with other systems makes it easier for more than 100,000+ customers to use and integrate the CRM SaaS application with their own applications and systems.

Univasa, Remote — Full-stack *Engineer* (Contract)

Sep 2020 - Sep 2021

- **Designed ride-hailing service:** The development and design of APIs, such as the Drivers' hailing API for accepting Riders' requests, Riders' API for Booking Rides, and API for managing Riders' and Drivers' activities on the application, help the company provide an 80% fast, reliable, and seamless ride-hailing experience for riders and drivers.
- **Enhanced marketing campaigns:** The development of APIs for creating Riders and Drivers' campaigns help the company reach out to more 200,000+ potential customers and 6,000+ drivers, increasing their user base and improving their services by 25%.
- **Efficient payment processing:** The development of an API for payment transactions helps the company manage its payment processing more efficiently and securely, reducing the risk of errors or fraudulent activities.
- **Improved communication:** The development of an API for sending SMS to Riders and Drivers helps the company improve 50% communication with its customers and drivers, providing real-time updates and notifications about their rides.
- **Efficient data analysis:** The development of an Admin Dashboards API and the design of databases provide valuable insights into the company's performance. The data helps the company make data-driven decisions to improve its operations and services.

Mtech, Remote — Full-stack *Engineer* (Contract)

Apr 2020 - Mar 2021

- **Improved user experience:** The development of APIs for playing games from different bookmakers help more than 70,000+ users have access to a wide range of games, increasing their options and improving their overall gaming experience.
- **Standardization of data:** The development of APIs for club names and game type standardization from different bookmakers helps ensure consistency and accuracy of data, reducing the risk of errors and confusion for users.
- **Efficient transaction processing:** The development of an API for transaction resolutions helps ensure smooth and efficient processing of transactions, reducing the risk of errors and delays by 15%.
- **Improved control and monitoring:** The development of an admin dashboard for controlling users' activities on the application helps the company monitor and control the activities of users, ensuring compliance with regulations and policies, and improving the security of the application by 30%.

Skopos, Lagos, Nigeria — Full-stack *Engineer*

Oct 2016 - Feb 2020

- **Improved financial management:** The development of APIs for financial institutions to manage their customer transactions helps improve financial management and control, reducing the risk of errors and fraud by 55%.
- **Enhanced customer experience:** The design and development of a banking application for account creation, deposit, fixed deposit, loan request, and loan repayment help improve the customer experience, making it easier and more convenient for customers to manage their financial transactions.
- **Increased business opportunities:** The development of a logistic management system API, and loan management system API for micro-finance banks, help open up 35% new business opportunities for the software company, expanding their market reach and revenue streams.
- **Improved data management:** The design of databases and program flow for CMS web applications and online dedicated e-stores for sellers can help improve data management and analysis, providing valuable insights into the company's performance.