

Abdurahman Olagunju

Senior Backend Engineer (DevOps)

Contact

Address

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Skills

Programming languages:

TypeScript ,JavaScript,
NodeJS, ExpressJS

Cloud Platforms: AWS, GCP,
Digital Ocean

Containerization and
Orchestration: Docker,
Kubernetes

Messaging and Queueing
Systems: RabbitMQ, Kafka,
Amazon SQS

Databases: PostgreSQL,
MongoDB, MySQL, Redis

A highly dedicated individual with a strong aptitude for problem-solving and a versatile skill set. Offers solutions utilizing web technologies and cloud solutions. Devotion to work and a hard-working nature are paramount. Impeccable personal strengths and leadership tactics, as well as intellectual accomplishments, are key attributes. An active and outgoing presence at work with a great sense of humor. Effective communication skills and a strong team spirit allow for the presentation of ideas in an impactful manner. Detail-oriented, organized and meticulous employee. Works at fast pace to meet tight deadlines. Enthusiastic team player ready to contribute to company success.

Work History

2022-09 -

Current

Senior Backend Engineer (DevOps)

GIGXPAD (GIG GROUP), Lagos

- As a senior backend engineer, I played a pivotal role in architecting a robust backend API designed to handle high-volume payments in multiple currencies (USD, NGN, GBP). This monumental task enabled us to reach and serve customers in over 20 different countries.
- Leveraged Infrastructure as Code (IaC) templates for provisioning cloud resources. This innovative approach led to a 30% increase in operational efficiency.
- Authored automated server configuration scripts using Puppet. This ensured our deployments were always consistent and reproducible, significantly reducing the potential for human error.
- Incorporated Docker into our workflow to containerize our applications, which drastically enhanced the portability and scalability of our software across different environments.
- Integrated Amazon SQS into our operations to decouple application components, resulting in noticeable improvements to system scalability and reliability.
- Established a Continuous Integration/Continuous Deployment (CI/CD) pipeline using GitLab CI. This automation greatly streamlined our development processes, boosting development speed by 60%.
- Incorporated the ELK Stack into our operations for comprehensive log aggregation and system

monitoring. This offered the team real-time insights into system performance and resource utilization.

- Tasked with backend duties, I integrated multiple payment systems, which significantly improved the reliability of financial transactions by 40%.
- Successfully integrated Amazon SES to execute efficient email campaigns. This strategic move led to a remarkable 70% increase in customer engagement.

2022-03 -
2023-06

Engineering Lead

Figo Africa, Lagos

- Contributed significantly to the design and implementation of a unique card feature, which broadened our customer base by allowing both banked and unbanked individuals to easily access financial services using an ATM card.
- Engineered an extensive payment service, enabling transactions not only via cards but also through virtual accounts and USSD channels. This flexibility has been instrumental in reaching a wider range of customers and improving the overall user experience.
- I was instrumental in building a robust merchant dashboard that offers comprehensive transaction visibility, real-time metrics, and dispute resolution functionality. This tool has been crucial in providing merchants with full control over their transactions.
- Introduced a feature within the merchant dashboard that allows merchants to create staff accounts with varying roles and permissions. This has greatly improved operational efficiency for our merchants and allowed for more precise access control.
- Integrated a multi-business feature that enables merchants to create new businesses and monitor transactions across all their businesses through the single dashboard.
- Implemented a financial transaction capability on the merchant dashboard, allowing merchants to perform tasks such as bill payments, airtime and data purchase, and electricity payments. This was all made possible through the use of a

secure internal wallet system, enhancing the platform's convenience and security.

- Developed a sophisticated admin API for effective management of the merchants. This allows for monitoring of merchant transactions to detect and mitigate fraudulent activities. It includes features like the ability to disable suspicious merchant accounts, which has significantly improved the platform's security and integrity.

2021-03 -
2022-09

Software Engineer

Acumen Digital, Lagos

- Designed a micro-service-based architecture that streamlined the processing of thousands of daily financial transactions, boosting throughput by 25%.
- Led a diverse team of engineers, designers, and product managers to develop technology solutions that exceeded performance expectations and significantly improved customer satisfaction.
- Developed robust REST APIs using Hapi JS and Express web framework, integrating multiple payment gateways to increase system reliability and resilience.
- Enhanced our CRM system by implementing multiple features, leading to a 15% increase in customer retention rates.
- Designed and implemented an e-wallet system, enabling a wider array of financial transactions and enhancing user convenience.
- Created efficient cron jobs for automation, reducing server load by 30% and improving overall system performance.
- Set up webhook events for multiple payment gateways, improving system responsiveness through real-time notifications.
- Demonstrated project management prowess, spearheading projects from concept to completion, delivering 90% of projects on time and under budget.
- Optimized various REST APIs, enhancing platform performance by 40% and bolstering scalability to accommodate a larger number of concurrent

users.

- Provided mentorship to junior developers, conducted comprehensive code reviews, and improved the overall codebase quality, resulting in a 20% reduction in bugs and deployment errors.

2019-02 -
2021-02

NodeJS Backend Developer (DevOps)

SameDay Custom, Pittsburgh

- Implemented integration with payment and mailing API for payments, billing, subscription, unsubscription, and emailing jobs at various points in the customer order flow.
- Developed a procurement data submission system based on a distributed systems architecture.
- Contributed to all parts of the stack, including API endpoint creation, frontend interfaces, AWS lambda functions with SQS queues, Docker container architecture, testing, and end-to-end system connectivity on a CI pipeline.
- Crafted Terraform scripts to automate infrastructure resource creation on AWS for all environments, including GCP, Digital Ocean, etc.
- Set up CI/CD implementation for the server using GitHub Actions and Travis-CI.

2018-08 -
2019-01

Dotnet Developer

Bluechip Technologies Limited, Lagos

- Developed the application utilizing MVC, Entity Data Model, and leveraging RESTful and WCF services.
- Implemented business logic layer by coding .Net classes using C#.
- Enforced robust security measures through the implementation of Authentication and Authorization features using .Net Membership.
- Developed a Data Access Layer using Entity Framework for seamless connection, retrieval, and updating of data from SQL Server.

Education

2014-09 -

Bachelor of Science: System Engineering

