

# Ayomide Onibokun

{ Senior Software Engineer }

Lagos, Nigeria | [Portfolio](#) | [LinkedIn](#) | +(234) 8115134290 | [Email](#) | [Github](#) | [Medium](#)

## SKILLS

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**Core Expertise:** TypeScript, Node.js, Express, NestJS, Redis, MongoDB, PostgreSQL, Microservices, AWS

**Additional / Supporting Skills:** Python, Django, Golang, Docker, CI/CD, MySQL, Azure

**Frontend (Working Knowledge):** React, Next.js, Tailwind CSS

## WORK EXPERIENCE

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### Edubaloo - Backend Developer

MAY 2022 - Present

- Led the design and deployment of an LLM-powered question review automation tool using Python, TypeScript and LangChain, reducing manual review efforts by 60% and improving content accuracy by 35%.
- Built a NLP pipeline to generate detailed explanations for questions, cutting content creation time by 50%.
- Architected a real-time gaming feature with AI agents (leveraging LLMs for dynamic behavior) to simulate human opponents, increasing user engagement by 45% and average session duration by 25%.
- Engineered WebSocket-based matchmaking logic (Node.js, Redis) to support 2,000+ concurrent users, integrated AWS EC2 auto-scaling to handle spikes.
- Spearheaded backend development of payment gateway integrations (Flutterwave, Paystack), reducing transaction processing time by 40% and increasing successful payment completion rates by 25%.
- Optimized MongoDB query performance through indexing and aggregation pipeline redesigns, cutting API response times from 800ms to 300ms.
- Designed a real-time notification system for rapid delivery and data caching, resulting in a 20% increase in notification speed and a 12% increase in daily active users.
- Introduced Jest and Supertest for automated testing, achieving 95% test coverage and cutting post-release bugs significantly.

### Zercom - Full Stack Developer

AUG 2020 - JAN 2021

- Developed employee data management, an intranet software solution to efficiently track employee data which resulted in a 45% reduction in manual administrative tasks and a 30% increase in internal communication efficiency.
- Revamped 3 WordPress websites by optimizing themes/plugins and implementing lazy loading, decreasing average page load time from 4.2s to 1.8s.

### Flux Africa - Full Stack Developer

JUNE 2020 - AUG 2020

- Overhauled a legacy PHP/MySQL CRM system for a food delivery startup, integrating Twilio for SMS automation and reducing customer churn by 20% through personalized engagement workflows.
- Streamlined order management workflows, cutting average resolution time from 2 hours to 45 minutes.

## LEADERSHIP EXPERIENCE

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### Repotecc

DEC 2019 - Present

- Pioneered the establishment of the inaugural technology community on campus, guiding students in their technology journeys, managing a diverse team of 32 mentors, each with distinct technology careers, and fostering a collaborative learning environment.
- Facilitated and oversaw the organization of bootcamps, workshops, and international conferences within the community, collectively reaching over 3,000 participants worldwide.

## VOLUNTEER EXPERIENCE

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### Google Developer Student Clubs - Chapter Lead

AUG 2021 - JULY 2022

## EDUCATION

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### Oduduwa University Ipetumodu - B.ENG Computer Engineering

NOV 2016 - JUNE 2021