# Ayomide Onibokun

*{ Software Engineer }*

[Portfolio](#) | [LinkedIn](#) | +(234) 8115134290 | [ayo6706@gmail.com](mailto:ayo6706@gmail.com) | [Github](#) | [Medium](#)

## SKILLS

**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

**Edubaloo** - Backend Developer                                                **MAY 2022 - Present**

- Architected an LLM-powered content engine using LangChain and Python to automate question reviews and generate explanations, slashing manual workload by 60% and content creation time by 50%.
- Engineered a scalable WebSocket gaming architecture (Node.js, Redis) supporting 20,000+ registered users, maintaining sub-50ms server response times while leveraging AWS EC2 auto-scaling for high-throughput capacity.
- Spearheaded payment gateway integrations (Flutterwave, Paystack), reducing transaction processing time by 40% and boosting successful completion rates by 25%.
- Optimized high-load MongoDB queries through indexing and aggregation pipeline redesigns, cutting API response times by 62% (from 800ms to 300ms).
- Established an automated testing suite using Jest and Supertest, achieving 95% coverage and significantly reducing post-release regressions.

**Google Developer Student Clubs** - Chapter Lead            **AUG 2021 - JULY 2022**
**(Oduduwa University)**

- Spearheaded a campus community of 500+ students and managed a core team of 8 officers to foster peer-to-peer learning in Cloud and Web technologies.
- Organized 30+ hands-on workshops and bootcamps focused on Google Cloud Platform (GCP), TensorFlow, and Web Architecture.
- Mentored student teams for the Google Solution Challenge, guiding them through the SDLC from ideation to deployment.

**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**

- Engineered a custom CRM using vanilla PHP and MySQL to digitize order tracking, integrating Twilio for SMS automation and reducing churn by 20%.
- Developed a custom WordPress theme for a tech podcast, implementing advanced audio player features and optimizing the codebase for a 40% faster load time.

## LEADERSHIP EXPERIENCE

**Repotecc**                                                                              **DEC 2019 - Present**

- Pioneered a campus tech community of 3,000+ members, managing 32 mentors and organizing international bootcamps to foster collaborative learning.

## EDUCATION

**Oduduwa University Ipetumodu** - B.ENG Computer            **NOV 2016 - JUNE 2022**
Engineering