

AONDOSOO FABIAN ULAGH

Backend Software Engineer

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PROFESSIONAL SUMMARY

Backend Software Engineer with expertise in designing, developing, and maintaining scalable, high-performance systems. Proficient in PHP (Laravel), JavaScript, TypeScript (NestJS), Node.js, MySQL, NoSQL, Docker, and API development. Passionate about building optimized architectures, solving complex problems, and implementing best coding practices for efficiency, reliability, and security.

TECHNICAL SKILLS

- **Backend Development:** PHP (Laravel), Node.js, NestJS, Express.js, TypeScript
 - **Databases:** MySQL, PostgreSQL, MongoDB (NoSQL)
 - **API Development:** RESTful APIs, GraphQL, Swagger, Postman
 - **Software Principles:** Clean Architecture, SOLID Principles, DRY, Design Patterns
 - **Version Control & Collaboration:** Git, GitHub, Agile (Scrum, Kanban)
 - **System Design & Scalability:** Microservices, Event-Driven Architecture
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PROFESSIONAL EXPERIENCE

Backend Software Engineer

Glover, Lagos, Nigeria | April 2022 – March 2025

- Engineered high-performance APIs that enabled vendors to trade gift cards seamlessly, handling millions of transactions securely.
- Built a subscription system to manage recurring payments efficiently.
- Developed a reputation ranking system to enhance user trust and engagement.
- Integrated deposit and withdrawal systems with third-party services like Now-Payments and Quidax.
- Built and maintained wallet-based transactions for seamless digital payments.
- Implemented caching strategies using Redis, improving API response times by 60% and reducing database load.

- Ensured a consistent, reusable, and DRY coding style across the application.
- Optimized query performance for MySQL databases, achieving a 40% reduction in query execution times.
- Collaborated with the team to brainstorm and implement scalable solutions.
- Wrote feature and unit tests to maintain high code quality.
- Conducted rigorous code reviews to enforce clean, scalable, and maintainable code while mentoring junior engineers.
- Led API documentation efforts using Postman, improving integration efficiency for third-party partners.
- Among others

Backend Software Engineer

Patricia Technologies, Lagos, Nigeria | Nov 2020 – April 2022


- Developed robust APIs for third-party integrations, enabling seamless usage of refill services.
- Designed a highly available and scalable architecture, ensuring system reliability for millions of users.
- Improved application performance monitoring and optimized database queries, reducing downtime.
- Implemented authentication & security measures to protect user transactions from vulnerabilities.
- Wrote and maintained unit and integration tests for critical features, ensuring high code quality.


Software Engineer

Valuebeam Ltd., Makurdi, Nigeria | Jan 2019 – Jan 2021

- Built **iSchool**, a comprehensive school management system for staff and student administration.
- Developed APIs and database architectures to handle student records, exam results, and tuition payments.
- Refactored large portions of the codebase, reducing technical debt by 20% and improving system maintainability.

EDUCATION

 **BSc Computer Science** – Federal University of Agriculture, Makurdi, Nigeria (2017 – 2021)

 **National Diploma in Computer Science** – Fidel Polytechnic, Gboko, Nigeria (2013 – 2015)