

JAMAL OLUWATOYIN ISHAQ

Backend Software Engineer

Ajah, Lagos | toyinjamal@gmail.com | +2348135536774 | [GitHub](#)

PROFESSIONAL SUMMARY

Backend Developer with experience building scalable, secure APIs and optimizing databases for performance and reliability. Skilled in **Node.js** proficiently with **JavaScript/TypeScript**, **Python (Django REST Framework)**, **PostgreSQL**, **MongoDB**, and **AWS**. Strong in debugging, monitoring, and collaborating with cross-functional teams. Currently expanding expertise in **Go (Golang)** to build high-concurrency systems.

CORE SKILLS

- **Backend Development:** Node.js (Express), Python (Django REST Framework), RESTful APIs, RBAC, JWT, OAuth2
 - **Databases:** PostgreSQL, MongoDB (schema design, indexing, optimization)
 - **Performance & Scalability:** Query optimization, caching, rate limiting, load handling
 - **Cloud & Tools:** AWS, Docker, Kubernetes, Git (GitHub), CI/CD basics
 - **Learning:** Go (Golang), gRPC, GraphQL, Microservice
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PROFESSIONAL EXPERIENCE

Briskit Agency – Backend Developer | 2024 - 2025

- Designed and maintained RESTful APIs handling authentication (JWT, RBAC) and high-volume requests.
- Optimized PostgreSQL queries, reducing latency and resolving **N+1 query issues**.
- Improved system stability by **25%** through debugging, refactoring, and monitoring tools.
- Collaborated with frontend developers to integrate server-side logic with user-facing features.
- Designed reusable API components and libraries for scalable development.

Netwalkers Nigeria – Backend Intern | 2023

- Implemented unit and integration tests, reducing production bugs by **30%**.
- Assisted in query optimization and schema design, enhancing **API response times by 20%**.
- Contributed to **code reviews** and collaborated with cross-functional teams to ensure clean, maintainable code.

- Supported debugging and troubleshooting in live applications.
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PROJECTS

Pearlsbray (Collaborative E-commerce Platform) | [Live Demo](#)

- Optimized database queries to improve server response times by **26%**.
- Implemented secure authentication and cart management.
- Enhanced API efficiency by reducing latency and handling large data smoothly.
- Implemented secure payment feature.

School Management System (Fullstack) | [Code](#) | [Live Demo](#)

- Developed APIs with **token-based authentication and RBAC**.
 - Applied **rate limiting and caching** for security and performance.
 - Built a responsive interface and integrated frontend with backend APIs.
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EDUCATION

- **B.Sc. (Ed) Computer Science** – Lagos State University (2021–2024)
 - **NCE Computer Science** – Adeniran Ogunsanya College of Education (2016–2019)
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CERTIFICATION

- **Backend Software Engineering** – ALX Africa (2022–2023)
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SOFT SKILLS

- Problem-solving & Debugging
- Collaboration & Teamwork
- Adaptability & Continuous Learning