IDARAOBONG JOSEPH

Back End Developer || Python Developer

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EXPERIENCE

Backend Developer Team Lead Agrovest
01/2025 - Present | Nigeria

- Leading a team of developers in building scalable REST APIs for an agricultural e-commerce platform.
- Handled database design and implementation using PostgreSQL, optimizing data retrieval efficiency.
- Hosted the API on Render and managed cloud services (AWS), ensuring high availability.
- Collaborating with the frontend team to build the mobile app integration.
- Completed the MVP, delivering core functionalities ahead of schedule.

Backend Developer Manifesti
01/2025 - Present | Remote

- Developed modular and scalable REST APIs for mobile applications using Nest.js and TypeScript.
- Implemented complex database schemas with Prisma for efficient data management.
- Integrated AI services into user goal tracking features, handling 1,000+ daily requests with stable performance

Fullstack Developer & Backend Lead Q Circle Hackathon
2025 | Remote

- Collaborated with backend engineers to create APIs and integrated them with frontend interfaces using Next.js.
- Maintained PostgreSQL database integrity and implemented new feature requests rapidly.
- Deployed applications on Vercel/Render, ensuring seamless delivery during the hackathon.

Backend Developer Faculty of Computing, University of Uyo
2023 - 2025 | Uyo, Nigeria

- Collaborated with multiple backend engineers to create APIs for the Planora event management system.
- Utilized Python/Flask and SQL to build reliable backend services.

- Implemented version control standards using Git for effective team collaboration.

PROFESSIONAL SUMMARY

Results-driven Python Developer with 2+ years of experience building scalable REST APIs, microservices, and AI-integrated applications. Demonstrated ability to design production-ready systems with measurable performance impact — including 45% query optimization, 35% reduced data retrieval times, and 99.8% API uptime in live environments. Experienced integrating AI/ML services into backend workflows and writing clean, well-tested Python code. Passionate about leveraging Python expertise to support AI training pipelines and frontier model development.

SKILL

LANGUAGES: Python, JavaScript, TypeScript, Java, SQL, C

FRAMEWORKS: Django, FastAPI, NestJS, Next.js, React, Flask

DATABASE: PostgreSQL, MySQL, Redis, Firebase

AI & Data: AI service integration, data pipeline scripting, Pytest (90%+ coverage), REST-based ML APIs

TOOLS: Docker, Linux, AWS, Render, WebSockets, Postman, Rabbit/MQ

VERSION CONTROL: Git, GitHub

EDUCATION

Bachelor of Science in Computer Science (In View)
University of Uyo, Nigeria
2023 - Present

ACHIEVEMENTS

- Backend Architecture: Led the design and implementation of scalable REST APIs for Agrovest, enabling seamless mobile app integration.
- Performance Optimization: Implemented caching with Redis and optimized database queries in Python/Django projects.
- System Reliability: Developed robust notification systems using microservices and message queues (RabbitMQ/Kafka).
- Leadership: Successfully led backend teams in hackathons and project developments, ensuring timely delivery of MVPs.

PROJECTS

Mafia Voteout Game - *Details*

Real-time multiplayer game using Django Channels (WebSockets) and Redis, featuring AI integration.

Agrovest - *Detials*

E-commerce platform for agricultural products built with Next.js, Django, and PostgreSQL.

Upstart - *Details*

Multi-vendor e-commerce platform featuring real-time updates using WebSockets, built with Next.js, Django REST Framework, and PostgreSQL.