Odinaka Joy

Location: Lagos, Nigeria

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FULL STACK DEVELOPER

Results-driven Backend Developer with experience in designing and building scalable, secure, and user-centric web applications using Node.js. Led the development of an ERP system and an e-learning platform, based on strong architectural thinking. Passionate about building smart technologies to improve lives, especially in open source, education and health.

TECHNICAL SKILLS

Frameworks	:	JavaScript, TypeScript, React.js, Next.js, Node.js, Express.js
Databases	:	MongoDB, PostgreSQL, MySQL, Firebase
Tools	:	Git, AWS, GCP, GitHub Action, Redis, Kafka, Docker, DataDog, Zapier, Elastic Search

EXPERIENCE

Software Engineer   February 2022 – October 2024
AcceleratorApp   *Remote*

Worked on a B2B SaaS platform for incubators and accelerators, building robust backend services and features that improved performance, scalability, and workflow automation for innovation hubs worldwide.

- Developed and maintained microservices using Node.js, TypeScript, and MongoDB, ensuring seamless platform operations and scalability
- Implemented Kafka for event-driven communication across services, improving system decoupling and performance
- Used Redis for caching and Elastic Search for advanced search functionality, resulting in faster data access and improved User Experience
- Integrated third-party tools like Zapier to automate complex workflows for clients, reducing manual effort and increasing customer satisfaction
- Resolved critical production bugs and optimized existing codebases, directly enhancing system reliability and customer retention
- Collaborated across cross-functional teams (design, product, QA) in an agile environment, consistently delivering features aligned with business goals

Web Developer   June 2020 – February 2021
Loctech IT Solutions   *Nigeria*

Led the development of a custom ERP for a supply chain company, improving operational efficiency across logistics, warehouse distribution, and marine services, and an e-learning system.

- Designed and implemented key backend features to manage employees, clients, inventory, and financial transactions, leveraging Redis for caching to accelerate data retrieval and a queue system to streamline asynchronous processes—resulting in improved system performance
- Architected and implemented backend services using JavaScript and Express.js, laying a solid foundation for a scalable, maintainable system.

EDUCATION

Federal Polytechnic Nekede   Owerri, Imo State, Nigeria
Higher National Diploma in Computer Science   *Jan 2011 – Dec 2016*

PROJECTS

Smart Supply   *TypeScript, TailwindCSS, React.js, Express.js, Redis*   **Code**

- Role-based inventory management system (in progress) simulating real-world supply chain operations. Built backend services for products, suppliers, users, and procurement using modular Express.js, MongoDB, and Docker for portability. Planning AI integration for smart features like predictive inventory forecastingg

TheraBot   *TypeScript, Next.js, Express.js, OpenAI API*   **Code** | **Demo**

- AI-powered web app providing emotional support and mental health guidance through conversation. Built with OpenAI's API, TheraBot reflects my commitment to accessible, tech-driven mental health tools. Currently in progress as I explore prompt engineering and model fine-tuning for better context-aware responses.