KENECHUKWU NWOGU

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EDUCATION

University of Lagos, B.Sc.Electrical and Electronics Engineering.   January 2019–July 2025

WORK EXPERIENCES

Backend Developer   Sept. 2022 - March 2025
NATALBOND

- Developed core infrastructure to provide basic healthcare services, and an interactive community for over 1000 women conceiving and trying to conceive.
- Improved the real-time system performance by reducing latency by over 20%.
- Implemented an anonymous messaging system that brought a sense of safety and privacy. This increased daily messages and activity by 10%.
- Integrated a broadcast push-notification system with Firebase, improving our customer outreach programs and allowing us to send broadcasts to over 500 users simultaneously.

Backend Developer   June - August 2024
SEEDX

- Designed and developed the system for providing a seamless way for users to acquire real estate services/properties for their children and wards.
- **Implemented** a referral award system, which encouraged users to participate and use the application. This led to gaining 800+ users just a few hours after launch.
- Designed a global ledger system to keep track of all incoming and outgoing transactions, which improved the security of monitoring of the application, and helped prevent fraudulent transactions.
- Implemented a distributed payment plan service that allowed users to purchase properties over ranges of time (6 months, 1 year, 3 years). This inclusion increased user purchases by 10%.

Backend Developer   March 2023 - March 2025
DIETBLOOM

- Collaborated with the data science team to integrate key features like calorie calculations and auto-generated meal plans to rapidly improve the food culture in Africa.
- **Integrated** our internal APIs to keep track of and generate meal plans for families, which was a big part in increasing family users by 10%
- Implemented a flexible subscription-based system, which contributed to 80% of the company's income.
- Increased the performance of the system by 15% by batching system tasks in a background process, which enables meal plans to be readily fetched at any point in time with minimal waiting time.

Backend Developer   November 2021 - December 2023
KOFYIMAGES

- Architected a robust infrastructure for a complex E-commerce application. This provided authentication, order tracking and management, payment and delivery systems, and allowed the client administrator to manage his product inventory seamlessly.
- Created a support ticket and refund system for users to request customer support and get refunds. This improved user satisfaction and increased customer retention rate by 20%.
- Designed an administration system that streamlined the management of products and inventory management

SKILLS AND TOOLS

Programming Languages: **JavaScript, Python, C#, SQL**.
Frameworks: **Express.js, Nest.js**, **.NET Core, Django, Flask, Entity Framework**
Databases and Message Queues: MongoDB, PostgreSQL, Firebase Cloud Store, Redis, RabbitMQ,
DevOps Technologies: Docker, Azure
Miscellaneous: Git, MVC Architecture, Dependency Injection, Object Oriented Design, Web Scraping and Automation

AWARDS AND CERTIFICATIONS

FullStack NanoDegree by Udacity   **2022**

Python for Everybody by the University of Michigan   **2021**