ABELEJE OLANIYI GEORGE

Full-stack software developer(Backend focused)
Github **|** olaniyigeorge77@gmail.com **|** LinkedIn

SKILLS

Backend Technologies: Python, Django, Django REST Framework (DRF), FastAPI, Celery, Alembic
Frontend Technologies: Next.js, Remix.js, React, HTML5, CSS3, Tailwind CSS, Styled Components
Databases: PostgreSQL, MongoDB, SQLite3
DevOps & Cloud: AWS (S3, RDS, SES), Docker, Render, Vercel
Others: OAuth, TypeScript, Postman, GitHub, Browser Performance Optimization

EXPERIENCE

iScheduler - Backend Developer | 2024

Tech Stack: Django, Celery, Python, PostgreSQL, Docker
Responsibilities:

- Built an intelligent scheduling app powered by AI and LLMs to dynamically organize user tasks.

- Designed and implemented workflows that prioritize tasks based on deadlines, user preferences, and duration.

- Optimized performance using Celery for task processing and concurrency, ensuring scalability and responsiveness.

Key Learning:
- Improved skills in concurrency management, workflow optimization, and AI integration with Django-based systems.

iHR - Backend Developer **|** 2024

Tech Stack: FastAPI, Alembic, Python, PostgreSQL, OpenAI API
Responsibilities:

- Developed a FastAPI backend for an AI-driven HR platform with advanced language model integration.
- Optimized API endpoints to improve performance and support scalable operations.
- Managed database migrations with Alembic and implemented logging for debugging and monitoring.

Key Learning:

- Picked up FastAPI and Alembic during the project and applied them effectively to deliver core features.
- Gained foundational experience in FastAPI development, database migrations, and implementing real-time monitoring.

[LockedIn](#) - Backend | 2024
Tech Stack: Next.js, MongoDB, TypeScript, Postman
Responsibilities:

- Built backend features for a habit-tracking app, converting business logic into robust, testable code.
- Designed a data pipeline to efficiently react to user activities on the web app.

Key Learning:

- Strengthened skills in building reactive web applications and handling real-time user interactions.

[WispTalkAfrica](#) - Software Developer (July 2023 -October 2024)
Tech Stack: Django, REST API, AWS (S3, RDS), Next.js, Zustand, Redux
Responsibilities:

- Designed and developed a REST API catering to all organizational product needs.
- Utilized AWS S3 for object storage and RDS for a scalable PostgreSQL database.
- Collaborated with the team to transition the system seamlessly from development to production.
- Built a frontend app with Next.js and integrated global state management using Zustand and Redux.

Key Learning:

- Advanced experience in REST API design, cloud integration, and building scalable web solutions.

PROJECTS

Fullstack Web Projects
[LockedIn](#) - A NextJS full-stack habit-tracking application that helps users to track daily habits and view insights on their progress.
- Developed expertise in full-stack application development and effective state management.

[MindStream](#) - A secure journaling app with a multi-factor authentication system featuring password, secret questions, and authentication apps.
- Strengthened skills in authentication systems and database security best practices.

[Respace API](#) - A REST API that serves as the data provider and authentication backend for a real estate company's web app.
- Gained deeper understanding of API design and integration with frontend applications.

[Respace Web App](#) - A user-friendly real estate web platform for browsing and managing property listings.
Improved front-end development skills, especially in creating interactive and responsive UIs.

EDUCATION

Bachelor Of (B.Sc.) - Computer Science (2022 - Now)
National Open University Nigeria, Lagos State