Adam Olanrewaju

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SUMMARY

Results-driven **software developer** specializing in **Django, DRF, and Next.js,** with a focus on building scalable **backend systems** and **secure, high-quality APIs**. Skilled in **full-stack development**, performance optimization, and implementing robust security practices. Committed to writing clean, maintainable code and solving complex technical challenges.

PROJECTS

Family Record – Full—stack family recording platform Live Demo | GitHub (Backend) | GitHub (Frontend)
Tech Stack: Django, DRF, PostgreSQL, Next.js, Tailwind CSS | Tools: Docker, Nginx, Gunicorn, CI/CD

- Full-stack development & integration: Built a robust full-stack application with a **Django** backend and Next.js frontend, featuring real-time updates, secure JWT authentication, and seamless API communication.
- Self-hosted infrastructure: Containerized the app using **Docker** and deployed it independently on a VPS with **Nginx**, **Gunicorn**, and Let's Encrypt for HTTPS—demonstrating DevOps-level deployment and maintenance capabilities.
- Performance optimization: Improved system efficiency through **PostgreSQL** query optimization, caching strategies, and frontend SSR techniques to ensure fast, scalable user experiences.
- Security-first implementation: Enforced strong security practices including rate limiting, input sanitization, HTTPS enforcement, and role-based access control to protect data integrity and user privacy.

Kwiseworld – Full-Stack E-commerce Platform · Live Demo | GitHub (Backend) | GitHub (Frontend)
Tech Stack: Django, DRF, PostgreSQL (Backend); Next.js, Tailwind CSS (Frontend)

- Developed a secure and scalable Django-based backend with RESTful APIs, robust authentication, and optimized database queries for high-performance data handling.
- Built a responsive Next.js frontend with SSR and static generation, delivering fast load times, improved SEO, and real-time cart and profile updates.
- Ensured seamless integration between frontend and backend, maintaining data consistency and enhancing user experience across all interactions.

UI Trees Documentation – University of Ibadan Tree Inventory System · GitHub · **Tech Stack:** Django, HTML, CSS, JavaScript

- Built a **web application** to facilitate **tree inventory management** for the University of Ibadan.
- Improved **data accuracy and accessibility**, serving as a **learning tool** for students.

AB Farms – Sales & Admin Dashboard · Live Demo · | GitHub **Tech Stack:** Django, HTML, CSS, Tailwind, jQuery

- Developed a **user-friendly sales dashboard** for a **manufacturing company**.
- Integrated **charts and reports** for tracking purchases and history.
- Built an **admin panel** for easy management of sales data.

Profile Automation – Web Scraping & Automation Tool · GitHub · **Tech Stack:** Python, Selenium

- Created a **Python automation tool** for **secure login and user profile data extraction**.
- Implemented **error handling and retries** for robust performance.
- Exported **structured data in CSV format** for further analysis.

SKILLS

Backend Development: Python, Django, Django Rest Framework (DRF), PostgreSQL

Frontend Development: HTML, CSS, JavaScript, Tailwind CSS, Next.js, jQuery

Automation & Scripting: Python, Selenium, Web Scraping

Other Tools & Technologies: REST APIs, Git, Web Security, Docker, Nginx, Gunicorn