COVENANT ADEOSUN

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PROFESSIONAL PROFILE

I am a full-stack developer with 4+ years of hands-on experience building modern web applications using NextJS, React, TypeScript, Django, Flask, PostgreSQL, and MongoDB. I have led feature development across both front and back end, consistently providing reliable systems that focus on usability, data integrity, and team efficiency.

EDUCATION

Bachelor of Computer Engineering, Federal University of Technology, Akure   2021 -2026 (Expected) **West African Secondary School Leaving Certificate (WASSCE)**, Shepherd International College 2014 - 2020

SKILLS

Languages	Python, TypeScript, Node, C, Dart
Technologies	Django, NextJS, React, Flask, TailwindCSS, Docker, Git
Soft Skills	Technical leadership, Problem-solving, Collaboration & teamwork, Communication, Initiative

EXPERIENCE

Backend Team Lead   December 2024 - Present
DocuHealth Services   *Osun State, Nigeria*

- Designed and implemented secure RESTful APIs using Django to handle hospital and patient data, records, and authentication.
- Integrated MongoDB for flexible and scalable data storage with optimized indexing for fast retrieval.
- Developed end-to-end user authentication with JWT and role-based access control for admins, patients, and subaccounts.
- Built support for subscription payments using Paystack, and integrated Cloudinary for managing hospital assets.
- Collaborated with frontend team to deliver a clean, responsive UI with full backend integration.

Fullstack Developer   February 2024 - Present
Fowgate Coorporation   *Port Harcourt, Nigeria*

- Developed a scalable, modular ERP system used across multiple departments in Nigerian enterprises.
- Engineered a shared BaseDB class powering 90% of database interactions, dramatically reducing code duplication.
- Designed flexible schema patterns in MongoDB to support nested user models, subscriptions, notifications, and more.
- Proposed and integrated AI-powered RAG features for document intelligence over scanned policy documents like the Petroleum Industry Act (PIA).
- Architected endpoints with Swagger documentation for seamless API consumption across frontend teams.

Frontend Developer (Intern)   April 2023 - April 2024
Smart Systems Research Laboratory, FUTA   *Ondo State, Nigeria*

- Led a small engineering team to build a custom personnel and intern management platform used by the research lab.
- Developed and documented RESTful APIs to manage users, reports, and workflows for lab interns and administrators.
- Built reusable React components and stateful views with local routing for a seamless dashboard experience.

- Managed version control with Git and coordinated sprints in a fast-paced academic R&D environment.

Software Lead (Intern) April 2024 - Present
Kinplus Technologies *Ekiti State, Nigeria*

- Developed production-ready UI components for client-facing projects with close attention to responsiveness and accessibility.
- Worked closely with backend engineers to integrate and test frontend workflows using RESTful APIs.
- Became a go-to resource for solving tricky layout bugs and JavaScript logic issues across the team.
- Gained exposure to real-world agile team dynamics, delivery timelines, and client expectations.

PROJECTS

DocuHealth A hospital records system built with Flask, React, and MongoDB. Over 500 users, officially adopted by the Osun State government. Features include secure patient management, JWT auth, subscriptions via Paystack, and Cloudinary media handling. (Try it here)

SplitWise A fintech tool that simplifies group expense splitting using React, Flask, and Squad API. Won first place at a national hackathon. Supports smart debt resolution, auto-calculations, and real-time group sync.

Gridale A fast-paced puzzle game built with React, Redux, and Django. Players match colors against a timer, with saved high scores and difficulty progression. (Try it here)

EXTRA-CURRICULAR ACTIVITIES

- **Basketball** – Competitive player with strong teamwork and discipline, regularly representing faculty in campus tournaments.
- **Tech Content Creation** – Create short-form developer-focused video and post content on tools, animations, and frontend tips to educate and inspire junior devs.