

TAJUDEEN IDRIS ADEMOLA

SOFTWARE ENGINEER

+2349048411029 | ademolaidris2002@gmail.com | ademola.store | github.com/GOODBADBOY10 | linkedin.com/in/idris-ademola

PROFESSIONAL SUMMARY

Versatile Software Engineer with hands-on experience building and shipping complete web applications using React, Next.js, Node.js, and TypeScript. Experienced across the full stack: responsive frontends, REST APIs, database design, authentication, and third-party integrations including payment processors (Paystack, Brails API, SwervePay) and Telegram bot automation. Has independently built and deployed full-featured platforms including a school management system with online payments, results, ID cards, and CBT exams and backend infrastructure for a live fintech product. Also teaches both frontend and backend web development. Committed to clean code, continuous learning, and collaborative delivery.

TECHNICAL SKILLS

Frontend: React, Next.js, TypeScript, JavaScript, HTML, CSS, Tailwind CSS, Redux, Material UI

Backend: Node.js, Express.js, NestJS, REST APIs, GraphQL (basic), Rust (Axum, Tokio)

Databases & ORM: PostgreSQL, MongoDB, MySQL, Prisma ORM, Firebase

Payments, Auth & Bots: Paystack, Brails API, SwervePay, JWT, OAuth2, Telegram Bot API (Telegraf.js)

Tools & Testing: Git, GitHub, Docker, Vercel, Render, Netlify, Postman, Jest

EXPERIENCE

Full-Stack Developer – Adebisi Model School

2025

- Hired directly by the school to independently design and build a complete school management platform (Next.js, Tailwind CSS, Node.js backend) the public site plus 5 core modules: student login/authentication, online fee payments via Paystack, result checking, ID card generation, and a CBT exam system.
- Owned the project end-to-end architecture, database design, secure authentication, payment processing, and deployment delivering a production-ready system live at adebisimodelschools.com.

Backend Development Tutor – OLashore International School

2026 – Present

- Hired as a formal, paid tutor to teach backend web development fundamentals and practical API-building skills to students at OLashore International School.

Frontend Development Tutor – University of Ilesa (ENT Programme)

2026 – Present

- Hired as a formal, paid tutor to teach frontend web development to a cohort of 25–50 students on the University of Ilesa's ENT programme, Osun State, Nigeria.
- Taught HTML, CSS, JavaScript, Tailwind CSS, and React, building students' skills from fundamentals through to practical, project-based application.

Independent Full-Stack Development Practice (Remote)

January 2025 – Present

- Built and deployed 7+ full-stack web applications with React/Next.js frontends and Node.js + Express backends, using Prisma ORM, PostgreSQL, and JWT-based authentication.
- Built backend authentication endpoints in Rust using the Axum framework, exploring high-performance API design as a self-directed Rust engineer (github.com/GOODBADBOY10/axum-login-route).
- Developed a Telegram bot (Node.js, Telegraf.js) integrated with Firebase and Blockchain APIs for live token tracking, part of the Full Stack Bot App project.
- Optimized performance with lazy loading, code splitting, and server-side caching, cutting initial load times by 50% and raising page speed scores by 20%; deployed via Vercel, Render, and Docker with CI/CD.

PROJECTS

Arit Developer Circle Hackathon — Full-Stack Contributor

March 2025

- Collaborated within a cross-functional team of 6 to deliver a full-stack finance app using React, TypeScript, and a Node.js backend, completing the project 15% ahead of schedule.
- Designed and implemented authentication flows, dashboards, and REST endpoints, and integrated real-time data with Axios and custom hooks.

Onyx — Crypto On/Off-Ramp Platform — www.onyxfi.io

2025 – Present

- Full-stack contributor to a live crypto on-ramp/off-ramp platform: built backend endpoints integrating Brails API and SwervePay for transaction processing, plus an internal admin dashboard.
- Built responsive, reusable UI components and user flows with React and Tailwind CSS for the customer-facing product.

Other projects: Centron Bot: A Telegram trading bot for the Sui network (TypeScript, Node.js, Telegraf) and Blue Tune: A decentralized music streaming platform on Sui Blockchain (React, TypeScript, Sui). Full portfolio at ademola.store.

EDUCATION

Bachelor of Science (B.Sc.) – Physics

2023

Lagos State University (LASU), Nigeria