

# Idoko Daniel

Full stack developer

09037524875 | Lagos, Nigeria | [danielidoko46@gmail.com](mailto:danielidoko46@gmail.com) | LinkedIn | Portfolio

---

## Summary

**Full-Stack Developer (Backend - Focused) with 4+ years of experience transforming ideas into scalable, high-performance digital products.** I specialize in building responsive, production-grade web applications using **Next.js, React, Svelte, Python, and Node.js**, with deep expertise in modern UI systems such as **Tailwind, Shadcn, Material UI, and Chakra UI**.

Driven by a strong product mindset, I focus on clean architecture, performance optimization, and intuitive user experiences that translate complex concepts into meaningful, real-world solutions. Passionate about shipping impactful technology, I thrive at the intersection of innovation, usability, and measurable business value—bringing ambitious ideas to life through thoughtful engineering and execution.

## Skills

**Frontend:** React, React Native, Next.js, Svelte Kit, TypeScript, Tailwind, Shadcn/UI, Material/UI, Chakra/UI, Zustand, Redux.

**Backend:** Node.js, Express.js, Python, FastAPI, Hono Js, Fast API, MongoDB, PostgreSQL, MySQL, DynamoDB, Elastic Search, Redis, JWT.

**DevOps & Tools:** Docker, Kubernetes (basic), GCP, Cloudinary, Firebase, GitHub, GitHub actions, Postman.

**UI / Design:** Figma, Adobe Illustrator, GSAP, Three.js.

**Testing:** Jest, React Native tests.

## Work Experience

Backend developer | Kena | Osun State, Nigeria.

**December 2025 – present (2026)**

- **Engineered high-performance**, low-latency payment APIs using **Hono.js** and **Cloudflare Workers**, ensuring sub-100ms response times for global merchant transactions.
- **Orchestrated complex financial data schemas** using **PostgreSQL**, leveraging **Prisma** for robust modeling and **Drizzle ORM** for high-speed, type-safe query execution at the edge.
- **Developed and maintained secure collection of workflows**, integrating third-party payment gateways and webhook systems to ensure real-time transaction accuracy and reliability.
- **Implemented custom edge middleware for authentication and rate-limiting**, protecting sensitive financial endpoints while maintaining **99.9% uptime** through serverless deployment strategies.

Full stack developer | SBS (Systems Business School) Ltd. | Lagos, Nigeria.

**July 2025 – August (2025)**

- **Developed a corporate training portal** using MERN stack, improving user experience for **80+ clients**.
- **Directed a team of developers** to build and launch the main corporate website, which contributed to a **60% increase in lead generation** and improved the user experience for over 50 corporate clients.
- **Mentored junior devs** on clean code and performance optimization.
- **Collaborated with stakeholders** across the company to define project scope and requirements, translating business needs into technical solutions.

Frontend Instructor | SBS (Systems Business School) Ltd. | Lagos, Nigeria.

**June 2025 – August (2025)**

- **Developed and delivered comprehensive frontend development curriculum** for corporate and individual training programs, covering topics from foundational **HTML, CSS, and JavaScript** to advanced **React.js** concepts.
- Provided hands-on instruction and mentorship to students, helping them build a strong portfolio and prepare for careers in web development.
- Maintained a high student satisfaction rate by adapting teaching methods to meet the diverse learning needs of different groups.

## Recent Projects

### Decal – AI nutrition app

- Built a full-stack mobile app that uses **AI-powered** image recognition to analyze meals and deliver instant nutritional insights, reducing manual food logging by **70%**.
- Architected a scalable backend with Node.js, Express, MongoDB, and Redis, optimizing API performance and improving response times by **40%**.
- Designed streak-based habit tracking and a timeline system to drive daily engagement and long-term user retention.
- Containerized the application with Docker and implemented clean architecture principles to enable faster iteration and reliable deployments.

### Bettar Shop

- **Built** a full-featured **mobile e-commerce app** enabling users to browse products, manage carts, and complete secure checkouts, achieving a **35% faster transaction flow**.
- **Developed** an intuitive **admin dashboard** using **Tremor** for real-time analytics and insights, improving operational oversight and reducing manual updates by **50%**.
- **Integrated Cloudinary** for seamless media management and optimized product image delivery, enhancing load times and user experience across devices.
- **Implemented Paystack** for secure payments and **Mailtrap** for automated transactional emails, boosting user trust and engagement by **30%**.
- **Utilized Redis** for intelligent caching, cutting API response times by **40%** and improving scalability.
- **Containerized** the entire system with **Docker**, ensuring consistent deployment and reducing setup time by **60%** across environments.

### Smoosh (Zoom Clone)

- Built a fully functional video conferencing web application using **Next.js**, replicating core Zoom features such as real-time video/audio calls, meeting scheduling, and chat.
- Integrated **Clerk** for secure authentication and user management, ensuring seamless sign-up, login, and session handling.
- Leveraged **Stream** to power scalable real-time video and chat functionalities, handling live interactions efficiently.
- Implemented modern UI components with **Shadcn/UI**, creating a polished, responsive, and accessible user interface aligned with best UX practices.