

Highly adaptable Fullstack Developer with a passion for building robust, scalable, and efficient web applications from concept to deployment. Proficient in modern frontend (Next.js, React, Tailwind CSS) and backend (Hono, Cloudflare Workers, Drizzle ORM) technologies, with a strong focus on clean architecture, performance optimization, and secure web app design. Proven ability to deliver complex platforms and integrate diverse systems, driving user engagement and operational efficiency.

Projects & Work Experience

Fullstack Developer	Testgraders Freelance	Mar 2025
<ul style="list-style-type: none">Led the end-to-end development of a global IELTS practice test grading platform from conception, enabling expert feedback on essays and speaking modules.Architected and implemented a high-performance, scalable full-stack solution using Next.js, Hono, and Cloudflare's serverless stack (D1, R2, KV, Durable Objects) for optimal efficiency and global reach.Developed comprehensive grader and student dashboards, an in-app notification system, and robust media handling (audio/video) to streamline user workflows and content delivery.Engineered a sophisticated, fair grader-distribution algorithm and a bi-directional review system to ensure equitable workload and quality control.Implemented TanStack Table for efficient management of large datasets and crafted a responsive, custom UI with Tailwind CSS and shadcn/ui to enhance user experience.Established CI/CD pipelines to automate deployments and streamline development workflows, supporting continuous feature delivery.		

Backend Developer Part-Time	GoLodge Lagos, Nigeria (remote)	May 2025–Present
<ul style="list-style-type: none">Designed and implemented a robust booking system supporting partial payments and intricate multi-role logic (host, user, admin), significantly enhancing transaction flexibility and platform security.Built onboarding, profiles, listings (add, update, delete), and collections systemIntegrated Better-Auth, PostHog tracking, and blog (Sanity + Next.js)Used Hono, Turso, Drizzle, Cloudinary, and Cloudflare stackImplemented secure cookie handling, Cloudflare DDoS protection, and privacy-safe API integrationsArchitecting upcoming systems: messaging, negotiations, payouts, credit system, KYC, and geo-contenting		

Fullstack Developer Freelance	PelzSecret Ibadan, Nigeria	Feb 2025
<p>Transformed a static template into a full-featured, dynamic beauty e-commerce store using Astro, enhancing product presentation and user engagement. Integrated backend API and secure payment systems, ensuring a seamless end-to-end checkout experience and driving sales.</p> <ul style="list-style-type: none">Integrated backend API, payment systems, and dynamic product logicUsed Tailwind CSS and Bootstrap to extend the original UIHandled deployment and ensured full checkout flow worked end-to-end.		

Technologies and Languages

- Languages: TypeScript, JavaScript

- **Frontend:** Next.js (App Router), React, Astro, Tailwind CSS, shadcn/ui, TanStack Table, Bootstrap
- **Backend & API:** Hono, Drizzle ORM, Cloudflare Workers, Durable Objects, Node.js, Express (from projects)
- **Databases:** Cloudflare D1, KV, Turso
- **Cloud & Infrastructure:** Cloudflare (R2, DDoS Protection), CI/CD (Custom), PostHog
- **Key Systems & Practices:** Component Architecture, Type-safe APIs, Secure Web App Design, Role-Based Authentication, KYC-Ready Systems, Messaging & Booking Logic, Payments & Payout Architecture

Personal Projects

- **YouTube API Downloader** [github.com/Judeadeniji/YouTube-api]
 - Developed a robust Node.js and Express API for high-quality YouTube audio/video downloads, integrating FFmpeg for media processing.
 - Implemented features including playlist parsing, efficient streaming, and precise thumbnail extraction, showcasing advanced API development and media handling skills.
- **ServeX** [github.com/Judeadeniji/servex]
 - Engineered a zero-dependency, high-performance HTTP server framework in TypeScript, inspired by Express, Hono, and Fastify.
 - Explored and implemented advanced extensibility and performance design patterns, demonstrating deep understanding of server architecture.
- **The Lazy Dev Blog** [the-lazy-dev.netlify.app]
 - Created a personal blog using SvelteKit, dynamically surfacing articles from dev.to via the Forem API.
 - Focused on achieving minimalism and optimizing for high performance, ensuring a fast and clean user experience.