

# ADEDOTUN GABRIEL

Full-Stack Engineer | React • TypeScript • Node.js • Cloud Architecture  
+234 904 356 1537 | [adedotun@thekiwidev.me](mailto:adedotun@thekiwidev.me) | Abuja, Nigeria (Remote)

[GitHub](#) | [Portfolio](#) | [LinkedIn](#)

## SUMMARY

Full-Stack Engineer with 4+ years building scalable production systems using React, TypeScript, and Node.js. Architect type-safe, cost-efficient infrastructures that reduce technical debt and improve platform stability. Built real-time communication tools and validation engines that lifted user retention across global applications.

## CORE COMPETENCIES

- **Systems Architecture:** State management (TanStack Query, Zustand), real-time systems (WebSockets), cost-optimized data layers.
- **Languages & Frameworks:** TypeScript (strict mode), React 18, React Native, Next.js (App Router, Server Actions), Node.js, Express.
- **Backend & Data:** PostgreSQL, MongoDB, Prisma ORM, Supabase, Firebase, Convex, Neon.
- **Performance & Quality:** Lighthouse optimization, strict typing, memoization, accessibility (WCAG), design systems (Figma, Tailwind CSS).
- **Collaboration:** Git/GitHub Actions, async-first communication, cross-functional engineering partnerships, founding team dynamics.

## PROFESSIONAL EXPERIENCE

FRONT-END ENGINEER | **SeamlessVisa** | Remote | *Jul 2023 – Dec 2025*

- **Built a Dynamic Validation Engine** using TypeScript and JSON-schema to handle conditional logic across 14 visa categories; cut 2K+ lines of redundant code and dropped form submission error rates by 45%.
- **Built FiBi's frontend** on a WebSocket voice architecture with custom jitter buffer logic, maintaining sub-300ms latency over 3G for live legal interviews.
- **Added client-side audio compression**, cutting server egress costs by 30% with no data loss in legal interview recordings.

- **Built a Design System** with Tailwind CSS and Headless UI; applied atomic design principles that cut design-to-production handoff time by 70% and achieved 100% WCAG 2.1 compliance.

**FOUNDING PARTNER & LEAD FRONTEND ENGINEER | MigranX (ProServants) | Remote |**  
Oct 2022 – Present

Co-founded MigranX, an e-commerce platform connecting diaspora communities in the US to authentic home country food and products. Led design and development of consumer app, driver delivery system, and marketing website.

- **Consumer App & Driver Delivery:** Architected React Native consumer and driver apps for MigranX. Implemented offline-first state management using Zustand and AsyncStorage to ensure reliability across varied network conditions. Built real-time delivery tracking and coordination systems.
- **Cost Optimization & Scale** Architected TanStack Query layer with intelligent cache invalidation and request deduplication via Axios interceptors, reducing redundant API calls by 40%. Directly reduced monthly infrastructure costs from \$2,000 to \$600, saving \$16,800 annually while maintaining real-time order tracking performance.

## KEY PROJECTS

**Momentum Logistics Service (MLS) | Full-Stack: Next.js, Bun, TypeScript, Node.js, PostgreSQL, Prisma, Tailwind CSS**

- **Built a multi-carrier backend tracking system**, integrating FedEx and DHL eCommerce APIs for real-time shipment routing and status tracking.
- **Built a multi-provider payment engine** (Stripe, PayU Poland) with webhook verification, polling fallbacks, and a 15-second gateway timeout for transactional availability.
- **Improved responsiveness** through SSR, Zod runtime validation, and Edge caching, driving a 40% increase in contract value from enterprise clients.

**Scholarle | Query Architecture: Next.js 15, React 19, Radix UI, Tailwind CSS**

- **Built a smart query builder** that translates visual filters into Google Scholar search syntax. Handles special cases (like quote grouping and journal filtering) that most tools miss, preventing silent failures when queries exceed Google's limits.

## **EDUCATION & CERTIFICATIONS**

**B.Sc. Computer Science (In Progress)** | University of the People (DEAC-accredited) | 2023 – Present

**Product Experimentation Micro-Certification** | Product School | 2025