

TAYO SAMUEL BOLARINWA

FULL-STACK ENGINEER

Product-minded engineer building secure, scalable digital products and business platforms.

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PROFESSIONAL SUMMARY

Full-Stack Engineer with 7+ years of web development experience building production-ready digital products, business platforms, and data-driven applications. Strong across Next.js, React, TypeScript, Node.js, Prisma ORM, PostgreSQL, REST APIs, authentication and authorization, cloud deployment, and modern frontend architecture. Experienced in translating business requirements into maintainable software with a strong focus on security, scalability, performance, accessibility, SEO, and user experience. Product-minded approach spans discovery, system design, implementation, deployment, and continuous improvement.

CORE TECHNICAL SKILLS

Languages: TypeScript, JavaScript (ES6+), HTML5, CSS3

Frontend: Next.js, React, Tailwind CSS, Redux Toolkit, responsive UI, component-driven development

Backend & Data: Node.js, Next.js server architecture, REST APIs, Prisma ORM, PostgreSQL, database design

Security & Identity: Authentication, authorization, RBAC, resource ownership policies, session security, API validation, audit/security logging

Cloud & Integrations: Vercel, Neon, Cloudinary, Resend, payment integrations, third-party APIs

Engineering: System design, clean architecture, performance optimization, accessibility, SEO, Git, GitHub

PROFESSIONAL EXPERIENCE

Full-Stack Engineer (Employee) | [Marvel Creative Media](#) | Lagos, Nigeria | November 2019 - Present

- Design, develop, deploy, and maintain production web applications using Next.js, React, TypeScript, Node.js, Prisma ORM, and PostgreSQL.
- Build secure server-side APIs, authentication and authorization flows, database-backed workflows, administrative dashboards, and content-management capabilities.
- Architect reusable component systems and modular application structures that improve maintainability and support continued product growth.
- Integrate payment services, email infrastructure, cloud media storage, and third-party APIs while handling validation, error states, and operational workflows.
- Improve application performance, responsive behavior, accessibility, SEO, and Core Web Vitals across customer-facing products.
- Translate client and business requirements into technical solutions and manage delivery from architecture and implementation through deployment and ongoing improvement.
- Modernize legacy websites and applications into maintainable Next.js/TypeScript systems where appropriate.

WordPress Developer | [Proxynet Communications Ltd](#) | Lagos, Nigeria | June 2019 - November 2019

- Developed and maintained responsive CMS-powered business websites, customized themes and layouts, and integrated third-party services.
- Improved website usability, performance, cross-browser compatibility, and content-management workflows.

WordPress Developer | [Elite Logistics and Development Ltd](#) | Lekki, Lagos | January 2019 - June 2019

- Redesigned and maintained business websites, implemented responsive layouts across devices, and supported ongoing content and plugin management.
- Worked with stakeholders to improve navigation, visual consistency, and overall user experience.

SELECTED ENGINEERING PROJECTS

Rilaebu - Verified Housing Infrastructure Platform (Active Development)

Technologies: Next.js, TypeScript, Tailwind CSS, PostgreSQL, Prisma ORM, Resend

- Engineering a security-first housing platform designed around verified landlord-tenant workflows, transparent rental journeys, and trust/safety operations.
- Designed a modular-monolith architecture and domain roadmap spanning identity, properties, verification, listings, viewings, applications, agreements, payments, audit, security events, and administration.
- Built registration, sign-in, email verification, password-recovery and role-specific account experiences; further security lifecycle features remain part of the roadmap.
- Designed authorization around least privilege using role permissions, resource ownership, and state/policy checks rather than frontend-only access control.
- Specified audit, API and security-event logging requirements for sensitive operations as part of the platform security architecture.

MarvelMarts - Multi-Vendor E-commerce Platform

Technologies: Next.js, TypeScript, Tailwind CSS, Prisma ORM, PostgreSQL, NextAuth, Redux Toolkit, Paystack, Cloudinary, Pusher, Resend

- Built and evolved a multi-vendor marketplace spanning customer, vendor, and administrative experiences with role-based access and protected dashboard workflows.
- Implemented product, order, wishlist, review, notification, vendor-management, and content workflows backed by reusable frontend state and database-driven services.
- Integrated Paystack wallet/payment flows with server-side verification and duplicate protection, alongside Cloudinary media, Resend email, and real-time capabilities.
- Strengthened authorization and API security across customer, vendor, and admin areas while improving mobile UX, SEO, and production reliability.

Marvel Creative Media Platform - Business & Digital Experience Platform

Technologies: Next.js, TypeScript, Tailwind CSS, Prisma ORM, PostgreSQL, Neon, Resend, Cloudflare Turnstile

- Migrated the platform to a modern Next.js/TypeScript architecture with PostgreSQL/Prisma-backed administration and content workflows.
- Built CMS and blog capabilities, consultation and message pipelines, newsletter flows, email delivery, analytics interactions, and SEO-focused publishing features.
- Implemented form validation, origin checks, payload controls, sanitization, anti-bot protection, and reusable service-layer patterns for maintainable backend workflows.

ApexTraders - Trading Intelligence Platform

Technologies: React, TypeScript, Tailwind CSS, Redux Toolkit, Express.js, Prisma ORM, PostgreSQL, WebSocket

- Designed a modular trading platform architecture for real-time market data, trade execution, portfolio intelligence, trading history, analytics, and competitive leaderboard workflows.
- Planned and developed reusable frontend and data-layer foundations with PostgreSQL/Prisma persistence and WebSocket-oriented real-time market integration.

EDUCATION

Bachelor of Science in Entrepreneurship and Business Management

National Open University of Nigeria | Awarded 2026

CERTIFICATIONS & TRAINING

The Ultimate React Course - Udemy (2026) | Advanced React - Coursera (2023) | Advanced CSS and SASS - Udemy (2023) | JavaScript Application Programming - Alison (2022) | HTML, CSS & JavaScript for Developers - Coursera (2022)

ADDITIONAL INFORMATION

Languages: English (Fluent); German (Currently Learning) | NYSC: Exempted | Portfolio:
<https://tayobolarinwa.dev> | GitHub: github.com/tsbproject