

TAYO SAMUEL BOLARINWA

Product Engineer

Transforming Business Ideas into Scalable Software Solutions

PERSONAL INFORMATION

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Portfolio: <https://tayobolarinwa.dev>

GitHub: <https://github.com/tsbproject>

LinkedIn:

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CORE COMPETENCIES

Product Engineering

- Product Architecture
- System Design
- Technical Strategy
- Agile Product Development

Frontend Engineering

- Next.js
- React
- TypeScript
- JavaScript (ES6+)
- Tailwind CSS
- Redux Toolkit

Backend Engineering

- Node.js
- Prisma ORM
- PostgreSQL
- REST APIs
- Authentication
- Secure API Development

Cloud & Infrastructure

- Vercel
- Neon Database
- Cloudinary
- Resend
- GitHub

Engineering Practices

- Performance Optimization
- SEO
- Accessibility
- Responsive Design

PROFESSIONAL SUMMARY

Product Engineer with experience designing and building scalable web applications, enterprise platforms, and digital products using Next.js, React, TypeScript, Node.js, Prisma ORM, PostgreSQL, and modern cloud technologies. Skilled in full product lifecycle development, system architecture, API integration, responsive design, authentication, database design, and performance optimization.

Experienced in translating business requirements into maintainable software solutions with a strong focus on clean architecture, scalability, accessibility, security, and user experience.

ENGINEERING PHILOSOPHY

I believe software should solve business problems before technical problems.

Every product I build is guided by four principles:

- Build for scalability, not just delivery.
- Prioritize maintainability through clean architecture.
- Focus on performance, accessibility, and user experience from day one.
- Treat software as a long-term product that evolves through continuous improvement.

PROFESSIONAL EXPERIENCE

Product Engineer

Marvel Creative Media

November 2019 – Present

Responsibilities

- Design, develop, and maintain scalable web applications using Next.js, React, TypeScript, and Node.js.
- Architect reusable component systems and maintainable application structures.
- Develop secure REST APIs using Prisma ORM and PostgreSQL.
- Implement authentication, authorization, and user management systems.
- Build CMS platforms, consultation systems, and business workflow solutions.
- Optimize websites for SEO, accessibility, responsiveness, and Core Web Vitals.
- Integrate third-party APIs, payment gateways, email services, and cloud storage.
- Deploy and maintain applications on modern cloud platforms.

- Clean Architecture
- Component-Driven Development

TECHNICAL SKILLS

Languages

- TypeScript
- JavaScript
- HTML5
- CSS3

Frontend

- Next.js
- React
- Tailwind CSS
- Redux Toolkit

Backend

- Node.js
- Prisma ORM
- PostgreSQL

Cloud

- Vercel
- Neon
- Cloudinary
- Resend

Tools

- Git
- GitHub
- VS Code
- Figma

EDUCATION

Bachelor of Science in Entrepreneurship and Business Management

National Open University of Nigeria
2019 – 2026

CERTIFICATIONS AND TRAINING

- Advanced React — Coursera (2023)
- The Ultimate React Course-Udemy (2026)
- Advanced CSS and SASS — Udemy (2023)

Key Achievements

- Engineered multiple production-ready business applications.
- Designed scalable architecture supporting long-term product growth.
- Improved website performance and maintainability through modern engineering practices.
- Built reusable systems that accelerated future development.

WordPress Developer

Proxynet Communications Ltd

June 2019 – November 2019

- Developed and maintained responsive CMS-powered websites.
- Customized themes and layouts aligned with client branding.
- Integrated APIs and third-party services.
- Improved performance, usability, and cross-browser compatibility.

WordPress Developer

Elite Logistics and Development Ltd

January 2019 – June 2019

- Redesigned business websites to improve user experience.
- Implemented responsive layouts across multiple devices.
- Maintained website functionality and supported content management.

FEATURED PROJECTS

MarvelMarts

Enterprise Multi-Vendor E-commerce Platform

Technologies:

Next.js, TypeScript, Prisma ORM, PostgreSQL, Tailwind CSS

Highlights

- Architected scalable marketplace infrastructure.
- Developed vendor dashboards and management tools.
- Implemented authentication and authorization.
- Integrated payment workflows.
- Built product, order, and inventory management systems.
- Improved performance and maintainability.

- JavaScript Application Programming — Alison (2022)
- HTML, CSS & JavaScript for Developers — Coursera (2022)

ADDITIONAL INFORMATION

Languages

- English (Fluent)

Portfolio

- <https://tayobolarinwa.dev>

GitHub

- <https://github.com/tsbproject>

Marvel Creative Media Platform

Business Operations Platform

Technologies:

Next.js, TypeScript, Prisma ORM, PostgreSQL

Highlights

- Built content management capabilities.
- Developed consultation booking workflow.
- Implemented secure email infrastructure.
- Optimized SEO and accessibility.
- Created reusable UI architecture.

ApexTraders

Trading Intelligence Platform

Technologies:

Next.js, TypeScript, Tailwind CSS

Highlights

- Designed responsive analytics dashboards.
- Built reusable frontend architecture.
- Developed scalable component systems.