Mgbodu Martin Chikwuelum

Frontend Developer | Fullstack Engineer | Bridging the gap between Business objectives and Tech solutions

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Portfolio | **LinkedIn** | **GitHub** | **Twitter/X**

Professional Summary

Results-driven Fullstack Engineer with over 3 years of experience specializing in high-performance digital realities and future-proof architecture. I translate complex business objectives into clean, scalable code, with a core expertise in React, Next.js, and AI-driven systems. From pixel-perfect interfaces to robust backend services, I deliver comprehensive solutions that drive user engagement and measurable business growth.

Technical Skills

- **Frontend Development:** React, Next.js, Vite.js, TypeScript, JavaScript, HTML5, CSS3.
- **Backend & Fullstack:** Node.js, Python, Django, MongoDB, Firebase, PostgreSQL.
- **UI/UX & Animation:** Tailwind CSS, Bootstrap, Framer Motion, GSAP, Lottie.
- **AI & Data:** AI Tooling & API Integration (Gemini 2.5/2.0 Flash), Data Visualization (ApexCharts).
- **DevOps & Tools:** Git, GitHub, Docker, Jest, API Configuration, SEO Optimization, Performance Tuning.

Selected Projects

1. Trader's AI Discipline Copilot

Role: Fullstack Developer | *Tech Stack: Next.js, Tailwind CSS, TypeScript, Gemini 2.5 Flash, MongoDB, ApexCharts*

- Engineered an intelligent assistant to help traders maintain emotional discipline through real-time behavioral insights.
- **Key Features:** Automated trade journaling, real-time risk analysis, and sentiment integration from news/social feeds to optimize trade execution.

2. Corporate Credibility

Role: Fullstack Developer | *Tech Stack: Next.js, Tailwind CSS, Firebase, Cloudinary API*

- Developed a premier real estate consultancy platform bridging physical assets and financial trust for NIESV-certified professionals.
- **Key Features:** Built a blockchain-inspired document authentication portal for instant report verification and integrated VR 360 tours for immersive property viewing.

3. Void Apparels

Role: Fullstack Developer | *Tech Stack: React.js, Node.js, MongoDB, Cloudinary API*

- Built a full-scale e-commerce platform for a luxury clothing brand.
- **Key Features:** Designed an advanced admin panel for inventory management, secure user authentication, and an optimized shopping cart/checkout system.

4. Omnicore AI

Role: Fullstack Developer | *Tech Stack: Next.js, Tailwind CSS, Gemini 2.0 Flash*

- Designed an AI-powered data analysis platform that transforms raw data into actionable business visualizations.
- **Key Features:** Natural language query processing and real-time trend analysis using cutting-edge AI models.

5. PeerPlay

Role: Frontend Developer | *Tech Stack: Next.js, Tailwind CSS, WebSocket, Node.js, PostgreSQL*

- Developed a social movie-watching platform enabling real-time synchronized playback across different locations.
- **Key Features:** Implemented WebSocket for instant synchronization and live chat functionality.

Education & Certifications

- **WAEC & NECO** (High School Certificate)
- **Business Foundation** (Coursera - Self-taught)
- **Software Development** (Self-taught via FreeCodeCamp & Online Resources)

What Makes Me Stand Out?

- **Surgical Precision:** I don't just write code; I forge digital realities with future-proof architecture, ensuring high performance and optimal user experiences.

- **AI-First Mindset:** I specialize in integrating smart automation and predictive analytics into standard web applications to increase business efficiency.
- **Business-to-Tech Translation:** With a foundation in business principles, I ensure every technical feature is built to drive revenue, conversion rates, and brand trust.
- **Rapid Adaptation:** I have a proven track record of mastering and implementing emerging technologies—like AI integration and real-time synchronization—to keep businesses ahead of the competition.