Christopher Ayodele

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https://github.com/christo4-ayodele | https://christo4s-portfolio.vercel.app

SUMMARY

Full-stack developer building AI-powered, data-driven web applications with React, Next.js, Node.js, Python and modern TypeScript systems. Experienced in designing scalable backend services, semantic search systems, and high-performance frontends translated pixel-accurately from Figma. Combines strong UI precision with robust backend architecture, focusing on performance, reliability, and real-world production impact.

WORK EXPERIENCE

Full-Stack Web Developer | Punch Group | Florida   *Oct 2025 – February 2026*

- Architected and delivered end-to-end full-stack features across frontend, backend, and AI services using modern JavaScript/TypeScript, improving system performance, data flow reliability, and production stability.
- Built an AI-powered semantic product search and recommendation system using OpenAI/CLIP embeddings and Pinecone vector search, enabling contextual matching beyond keywords.
- Designed the product ingestion pipeline, syncing structured and unstructured data from a WordPress backend into a vector database for real-time semantic querying.
- Developed image intelligence workflows (barcode scanning + OCR) and engineered data normalization systems to structure noisy outputs, handling edge cases and complex ingredient/chemical data.
- Translated Figma designs into pixel-accurate, responsive UIs while leading AI output evaluation, failure-mode debugging, and cross-functional iterations to ship reliable, production-ready features under tight timelines.

Full-Stack Developer | Kapada Integrated Services Ltd | Lagos, Nigeria   *Jul 2024 – Sept 2025*

- Built backend features and APIs to support company landing pages and contact forms.
- Designed and implemented full-stack company website with reusable sections and dynamic content.
- Built backend features with MongoDB and server-side logic, styled with Tailwind CSS.
- Ensured responsiveness, performance, and design alignment with business goals.
- **Live Site**

Web Developer Intern | Skoodee | Lagos, Nigeria   *Jan 2023 – Jul 2023*

- Built backend logic for seller listings, enabling category-based dynamic queries.
- Designed MongoDB data models and optimized queries for the CMS dashboard.
- Assisted in integrating frontend forms with backend validation and storage.

EDUCATION

Bachelor of Science – Software Engineering | Babcock University, Ilishan-Remo, Ogun   **Jan 2021 – July 2024**
GPA: 3.98

CERTIFICATION

Ultimate Next.js Course – JS Mastery
Issued: 05 March 2025 – No Expiry
Credential ID: 449552
Completed comprehensive training in routing, authentication, real-time events, database integration, SEO, and advanced features including AI integration and system design.

RELEVANT PROJECTS

DevOverflow | AI-Enhanced Q&A Platform
- [Live Site](#)
- Built StackOverflow-style community with full-stack features like global search, job posting, AI-powered answers.
- Built a scalable authentication system with multi-provider support via NextAuth.
- Applied caching, revalidation, and rendering strategies for performance and SEO.
- Integrated OpenAI to generate intelligent answers and enhance data processing.

Suburbia | Advanced Animated Skateboard Website
- [Live Site](#)
- Built an advanced interactive website with Next.js, Three.js, Matter.js, GSAP, and Tailwind CSS.
- Implemented onClick-driven 3D animations for immersive interactivity.
- Designed a Footer mini-game using Matter.js, where users can move and interact with skateboard objects.
- Developed a Skateboard Builder page allowing users to customize parts (truck, deck, bolts, wheels) with state management via React Context for seamless updates across components.

TickMe | Event Ticketing Platform
- [Live Site](#)
- Designed and built full-stack event and ticketing platform with user authentication, dashboard, and payments.
- Integrated Stripe for secure payment processing and Clerk for authentication.
- Used MongoDB with Mongoose for data persistence and tracking.

Zentry-Inspired Interactive Web Experience
- [Live Site](#)
- Designed immersive frontend experience using GSAP animations, clip-path transitions, and video storytelling.
- Integrated 3D hover effects and scroll-driven visuals using React and Tailwind CSS.

SKILLS

Category	Technologies
Languages	JavaScript, TypeScript, Python
Frontend	React.js, Next.js, Tailwind CSS, Three.js, ShadCN UI, GSAP, Framer Motion, Vite, HTML, CSS
Backend	Node.js, Express.js, FastAPI, Docker, Uvicorn, MongoDB, Mongoose, Supabase, API Routes, Server Functions, WordPress
Authentication & Security	Clerk, NextAuth, OAuth, RBAC, BetterAuth
Payments & AI Services	Stripe, OpenAI API, Webhooks
Tooling & Dev Tools	Git, Uploadthing, React Hook Form, Zod
Deployment	Vercel, GitHub Pages