
AYO M. OGUNTUASE

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SKILLS

- Languages: HTML, CSS, SCSS, Javascript, Typescript, Python
 - UI framework and libraries: React.js, Next.js, d3.js (for visualization), GSAP, ShadcnUI/RadixUI, ChakraUI, Bootstrap, TailwindCSS, React Query, SWR, Zustand, Redux, Redux Toolkit.
 - Backend: Node.js, Express.js Next.js server components, actions, and API routes, Django & Django Rest Framework, SQL(PostgreSQL, MySQL), DrizzleORM, MongoDB, Mongoose.
 - Other: Jest, Docker, Git, Github, CI/CD with Github Actions, OAuth Integration
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PROFESSIONAL EXPERIENCE

Full-stack Developer MOONSHOT IT AGENCY

06/2024 to Present
Sao Paulo, Brazil, Remote.

Working on an AI tool for Financial Data Analytics and Visualizations, I:

- Optimized and developed D3.js charts and Three.js scenes for large-scale data visualization, enhancing UX with performant animations like the [Fisheye effect](#).
- Redesigned and refactored a large React codebase with 30K+ line changes in 3.5 weeks, integrating TailwindCSS, ShadcnUI/RadixUI, and improving type safety for long-term maintainability. Demoed progress to the client in this [VIDEO](#).
- Integrated AI chatbots with content streaming for ChatGPT-like, interactive natural language data analysis.
- Integrated Stripe and built a robust role-based payment system, enhancing transaction clarity and user trust.
- Enabled real-time data transfer with WebSocket integration for instant updates and responsiveness.
- Boosted app performance by profiling with React DevTools and reducing redundant state updates through targeted memoization.

Working on an AI tool for agency and product management, I:

- Built context-aware RAG systems for OpenAI and Gemini chatbots using Vercel AI SDK and pgvector embeddings.
- Implemented background jobs with Redis and BullMQ to summarize Google Calendar meeting transcripts and create ClickUp tasks via user-approved Next.js pages.
- Designed PostgreSQL schemas with Drizzle ORM tailored to project requirements.
- Developed new interfaces and pages using Next.js and ShadcnUI.
- Orchestrated app, DB, and Redis with Docker, deployed on Google Cloud VMs, and set up CI/CD with GitHub Actions.
- Provisioned HTTPS using SSL-managed load balancers on Google Cloud.
- Integrated OAuth for third-party apps such as Google Drive, Gmail, and ClickUp.

Working on an Analytics tool for tracking and scaling big businesses' growth on Amazon, I:

- Refactored a Python/Django/MySQL project using [HackSoft best practices](#)—decoupled business logic, implemented Rest Framework serializers, and cut response times by 25% through query optimizations.
- Co-led full-stack architecture decisions, authored ADRs, and executed approved strategies.
- Refactored a React codebase for composable components, integrating Zustand for state and SWR for efficient data fetching.

Working on a major mindfulness and meditation organization in the US, I:

- Implemented affiliate and user tracking with TypeScript, Next.js, and [Impact](#).
- Wrote unit tests with Jest and React Testing Library.

Front-End Web Developer QSHOP

01/2023 to 01/2025
Lagos, Remote

- Designed premium e-commerce templates with advanced features—cart, search, reviews, and accounts—boosting paid subscriber growth by 12.3%.
- Re-engineered checkout with geolocation, multi-location pickup, shipping/payment integrations, and coupons—driving 50% quarter-over-quarter customer retention growth.
- Built an affiliate platform for e-commerce subscribers, driving increased web traffic.
- Integrated GTM and Mixpanel for analytics, and leveraged Microsoft Clarity insights to enhance UX.

- Maintained and enhanced admin and super-admin apps, improved type safety, boosted dev productivity, and reduced bugs.

Front End Developer

02/2024 to 03/2024, 05/2024 to 08/2024

SMAPPS GROUP

Lagos, Nigeria, Remote

- Added support for item variants, extras, tips, and discounts—enhancing dynamic orders and overall UX.
- Integrated authorization prompts to secure order payments and protect customer transactions.
- Built two dynamic landing pages with Next.js and TailwindCSS, featuring embedded YouTube videos.
- Implemented docket and receipt printing with QR codes to streamline order resolution and enhance customer-business communication.
- Enhanced checkout with split payments, order updates, merges, and voids—streamlining the payment process.
- Built a notification system with banners and audio cues to keep waiters informed and responsive.

Full-stack Developer

11/2022 to 05/2023

AFTERNOONPREP

Lagos, Remote

- Designed MongoDB Mongoose models and schemas to meet specifications.
- Built and updated route controllers in Node.js to handle client requests and serve relevant data.
- Implemented analytics to help users track and evaluate progress over time.
- Resolved front and back-end issues to enhance UX and functionality, integrating Google/Facebook auth and automating SSL with HTTPS redirection.

Front-end Engineer

11/2021 to 12/2022

FUELCREDIT

Lagos, Hybrid

- Designed and built a responsive, visually appealing company website, boosting marketing reach and online presence.
- Built and digitized three React web apps to streamline operations and drive revenue, including a fuel purchase dashboard, mobile station management tool, and admin panel for transaction monitoring.
- Placed 11th out of 5,000 in the CBN eNaira Hackathon as a front-end team member.

PROJECTS

- [Metrix Dashboard](#): A Sample SAAS Dashboard. Technologies: TypeScript, Next.js, ShadcnUI, TailwindCSS, TypeScript, Next.js, ShadcnUI, TailwindCSS. [Github](#)
- [Trello Clone](#) (in progress) Features: Dark mode, Drag and Drop functionality. [Github](#) Technologies: TypeScript, ReactJS, Next.js, TailwindCSS, ShadcnUI (Radix UI), React Beautiful DnD.
- [Racing Bar Chart](#) Features: D3 charts, chart animations. Tech: React, Next.js, D3.js, SVG, TypeScript. [Github](#)
- [Agency Landing Page](#): React, Next.js, TypeScript, ShadcnUI, SwiperJS, GSAP. [Github](#)
- [Sample Landing Page](#): Text and scroll animations, React, Next.js, TypeScript, GSAP. [Github](#)
- [Lendsqr Demo](#): Dashboard home page of a lending platform, TypeScript, SCSS, React, React Query. [Github](#)

EDUCATION

FEDERAL UNIVERSITY OF TECHNOLOGY, AKURE

Akure, Nigeria

Bachelor of Engineering: Computer Engineering

10/2021

- Programming Courses in C, C#, Software Engineering, and Test-Driven Development in Java.
- 4x Dean's List

LANGUAGE

English: Native Language