Olabode Ezekiel Ayodele

Fullstack Engineer

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PROFESSIONAL SUMMARY

I'm a results-driven Full-Stack Developer with 3 years of experience building scalable and high-performance web and mobile applications. Proficient in modern frontend frameworks like React, React Native, and Vue.js, with strong backend expertise in Node.js and Express.js. Skilled in both relational (PostgreSQL) and NoSQL (MongoDB) databases, optimizing data structures for performance and scalability. I hold a First Class degree in Information Technology from the Federal University of Technology, Akure (FUTA), and have experience developing production-ready applications in edtech and healthcare domains. Passionate about clean code, problem-solving, and delivering user-focused solutions.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Node, python

Frameworks: React, React Native,Next JS, Tailwind, Express, Nitro, Django and Django RestFramework

State Management: Redux Toolkit, Zustand.

Tools: Git, Figma, Chrome DevTools, NPM, Jira, Vercel, Gather, Docker

Development Skills: Responsive Web Design, Performance Optimization, Accessibility, UX/UI Principles, Cross-Browser Compatibility, Agile Methodologies, RESTful APIs, Database Management, Authentication and Security, ServerSide FrameWork, Version Control. Caching and Performance

WORK EXPERIENCE

Frontend Engineer | Afrifounders   Feb 2025 to Present

- Developed and maintained interactive features for a web application using Typescript, TailwindCSS, Next.js

- Actively participated in code reviews, receiving and incorporating feedback to improve code quality and adherence to best practices.

- Collaborated with designers and senior developers to translate design mockups into functional UI components.

- Gained valuable experience through daily stand-up meetings, gaining a solid understanding of team communication and project workflow.

Fullstack Engineer(Web and mobile) | Learnpally   october 2024 to Present

Worked as a Full-Stack Developer at **LearnPally**, an edtech company offering a comprehensive e-learning platform. Key contributions include:

- **Frontend Development**
  Built interactive, responsive interfaces with React, integrating Mixpanel and PostHog SDKs for in-app analytics and handling push-notification subscriptions.

- **Backend Development & API Design**
  Designed and implemented RESTful endpoints with Node.js and Express.js (and Firebase Admin where needed) to power course, user, and notification workflows.

- **Analytics Integration**
  Wired up PostHog and Mixpanel to capture user events, built custom dashboards to monitor engagement funnels and retention metrics.

- **Push Notification System**

    - **Backend:** Used Firebase Admin SDK to send targeted notifications (course reminders, announcements).

    - **Frontend:** Implemented browser/app push handlers and permission prompts to surface real-time alerts.

- **Scheduled Tasks & Email Automation**
  Wrote cron jobs (node-cron) to dispatch periodic emails—welcome sequences, course updates, and re-engagement nudges—via a transactional mail service.

- **Authentication & Security**
  Implemented JWT-based auth, OAuth social login, and role-based access control (RBAC) to protect student and instructor flows.

- **Performance & Scalability**
  Optimized database queries (PostgreSQL/MongoDB), added Redis caching, and fine-tuned server response times to support rapid platform growth.

- **Payment Integration**
  Integrated Stripe and Paystack for subscription management and one-off course purchases, including webhook handling and reconciliation.

- **Version Control & Collaboration**
  Worked in an Agile team using Git, GitHub, and CI/CD pipelines (GitHub Actions) to enforce code quality, automated testing, and seamless deployments.

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Fullstack Developer | RentAnything   December 2023 to October 2024

- **Server-Side Rendering with Vue 3**
  • Built a custom SSR pipeline using Vite's SSR API (Vue 3 isn't SSR-native), enabling pre-rendered pages for SEO and faster initial loads.
  • Ensured seamless hydration on the client by matching server-rendered markup to Vue's virtual DOM.

- **Feature Design & Implementation**
  • **Rentors' Dashboard**: Designed and built interfaces for listing creation, availability calendars, pricing management, and booking approvals.
  • **Renters' Experience**: Implemented search, filtering, and booking flows—complete with real-time availability checks and review submissions.

- **Location Intelligence**
  • Integrated the **Google Maps Places API** into address input fields, providing autocomplete suggestions and geocoding for pinpoint accuracy in listings.
  • Parsed and stored place IDs and coordinates to drive map-based searches and distance filtering.

- **State Management & Data Fetching**
  - Used Pinia for centralized state and tie-ins to SSR data, avoiding flicker or mismatches on hydration.
  - Optimized fetch strategies (e.g. parallel data requests in `setup()`) to minimize time-to-interactive.

- **Backend API Collaboration**
  - Defined and consumed RESTful endpoints (built in Node.js/Express) for listings, user profiles, and bookings.
  - Worked with the backend team to design pagination, caching headers, and error-handling conventions that play nicely with SSR.

- **Responsive & Accessible UI**
  - Crafted reusable Vue components with mobile-first styling, ensuring WCAG-compliant markup and keyboard navigation.
  - Employed lazy-loading and modular CSS to keep bundle sizes small.

- **Testing & Deployment**
  - Wrote unit tests (Vitest) for key components and end-to-end tests (Cypress) covering SSR hydration and booking flows.
  - Configured CI/CD pipelines (GitHub Actions → Vercel) to automate SSR builds, preview deployments, and production rollouts..

Full Stack Engineer | Ekopages   November 2021 to December 2023

- Developed and maintained the **EkoPages** platform using **React** for the frontend and **Django REST Framework** for the backend.
- Built an intuitive user interface to enhance accessibility and engagement for users.
- Designed and optimized RESTful APIs for seamless communication between frontend and backend and integrated payment endpoint

Fullstack Engineer | Lagbaja Mobile

- Built a platform that connects service providers with service users using **Next.js** for the frontend and **Django REST Framework** for the backend.
- Designed and implemented scalable APIs and responsive user interfaces to enhance user experience.
- Optimized performance and ensured seamless integration between frontend and backend systems.

PROJECTS

EkoPages **[E-Learning & E-Commerce Platform]:** Developed and maintained **Pages**, a web platform dedicated to **Sustainable Development Goals (SDGs)**, providing books and educational courses on environmental awareness. Built a **responsive and user-friendly interface** using **React and Django RestFrameWork**, with a backend powered by **Node.js and MongoDB/PostgreSQL**. Integrated **secure payment processing**, user authentication, and course management features. Optimized performance and accessibility to enhance the user experience for students and educators.

RenAnything **[Rental Marketplace Platform]**

Developed and maintained **RenAnything**, a web platform that connects renters and rentors for seamless item and property rentals. Designed a **responsive and intuitive user interface** using **Vue.js**. Implemented **secure authentication, booking management, and payment integration** to facilitate

smooth transactions. Optimized performance, search functionality, and user experience to enhance engagement and trust between users.

Learnpally (built with react and Express)

comsmoRemit Website built with React and Chakra Ui,

NerdyEye Landing Page built with react

More projects are available on GitHub - https://github.com/ayoeze191

EDUCATION & QUALIFICATIONS

The Federal University of Technology, Akure - **B.Tech** - Information Technology(First Class Honours).