Fatimah Oladipo

Frontend developer

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view my website

EDUCATION

Bachelor of Engineering (B.Eng.) Computer Engineering, University of Ilorin, Ilorin, Nigeria (2024 – 2030), CGPA: 4.90

TECHNICAL SKILLS

- Frontend Development: HTML5, CSS3, Typescript, JavaScript, React, Next.js
- UI/UX: Tailwind CSS, Material-UI, Daisy UI, Responsive Design
- Version Control: Git, GitHub
- State management: zustand
- API Integration & Fetching Data
- Firebase Integration

SOFT SKILLS

- Problem-Solving
- Critical Thinking
- Collaboration
- Communication
- Team management

SUMMARY

Frontend Developer with 2 years of experience specializing in HTML, CSS, JavaScript, and React, with a strong focus on Next.js.
passionate about building user-centric web applications that are visually appealing, responsive, and accessible.
Dedicated to creating seamless, user-friendly interfaces and optimizing performance for an enhanced user experience.

WORK EXPERIENCE

Frontend Developer Intern   2024-2024
Optihi , Remote

- Developed 2 interactive web applications using React and Next.js, ensuring cross-browser compatibility.
- Optimized frontend performance, reducing page load times by 30%, leading to faster and smoother user interactions.
- Refactored existing codebases, making them more maintainable and reducing bugs by 25%, enhancing code readability
- Implemented reusable components, improving development speed and maintainability.

Frontend Developer Intern — Client Project (1 Month)
 Designed and built a complete e-commerce platform from Figma to production.

- Designed **15+ responsive screens** in Figma, improving client design clarity and workflow by **40%**.
- Developed a full e-commerce product catalog using **Next.js, React, Firebase, and Tailwind CSS**, achieving **fast load times (<1.2s)** and smooth navigation.
- Implemented **advanced product filtering & sorting**, increasing product discoverability by **60%** during client testing.
- Integrated **secure Pesapal payment gateway**, enabling real online payments with end-to-end order tracking and IPN verification.
- Built a scalable Firestore structure and optimized API calls, reducing read operations by **30%**.

PROJECTS

StudyEase AI — Personalized Study Planner Web App
(Next.js, React, Firebase, NextAuth, OpenAI, Zustand, TailwindCSS, YouTube API)
StudyEase AI Web app link: Studyease.AI

- Designed and developed a full-stack AI web application that generates personalized 7-day study plans using user profile data (age, education level, country, exam type, weak/strong subjects).

- Integrated Firebase Authentication (email/password + NextAuth) and Firestore for secure user account management and global state persistence.

- Built a responsive and editable user profile system with TailwindCSS and Zustand for global state management.

- Enhanced AI prompts with contextual details to produce detailed study sessions with breaks, activities, and motivational context tailored to each learner.

- Implemented automated motivational email reminders sent 30 minutes before each study session to keep learners consistent and accountable.

- Integrated the YouTube Data API to recommend study resources (videos, playlists, guides) personalized to each user's subjects and study plan.

- Automated study resource generation upon study plan creation, with user-controlled permissions for resource access.

- Applied clean code practices, modular architecture, and iterative improvements as part of continuous learning and project enhancement.

Kwaserve – AI-Assisted E-Government Platform
Product Designer & Frontend Developer (AI-Assisted Development) Kwaserve-link

- Designed and delivered an **AI-powered citizen service platform** using **Lovable** for rapid prototyping and deployment.

- Defined **product flow, UX decisions, and system behavior**, including multilingual support and accessibility for visually impaired users.

- Configured AI assistant logic to provide **structured, step-by-step government service guidance** and intelligent complaint handling.

- Designed an AI-driven complaint system that **categorizes, summarizes, and stores citizen issues** for administrative review.

- Implemented inclusive features such as **local language switching and text-to-speech**, prioritizing underserved users.

- Led all **product thinking, feature prioritization, and validation**, despite time constraints.