Adebayo Adesanya Oluwasegun

Front end developer

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Profile

I'm a web developer passionate about creating responsive and user-friendly websites that solve real-world problems. With over 3 years of experience, I've built and maintained modern web applications, focusing on performance, accessibility, and clean code. I'm comfortable working with databases, networks, and modern web technologies, and I enjoy making complex technical ideas easy to understand for people from all backgrounds. What sets me apart is my ability to balance strong technical skills with a deep understanding of user needs and business goals. Whether it's debugging code, optimizing performance, or collaborating on new features, I thrive in fast-paced environments and love the challenge of juggling multiple projects to deliver great results.

Skills

Html,css,Tailwind,Javascript,ReactJs,NextJs,Typescript,NoSql(MongoDb),PostMan,Git and Github

Soft Skills: Problem-solving, excellent organization, Interpersonal Communication, leadership, attention to detail, continuous learning and growth mindset, self starter.Excellent analytical skills

Professional Experience

2024/03 – present
Lagos, Nigeria

Front end developer
Emnet IT

Translated Figma and Adobe XD designs into fully functional, responsive, and visually appealing web interfaces using React.js, TypeScript, and Tailwind CSS.
- Ensured design consistency and attention to detail, increasing user engagement by 30% and delivering interfaces that truly stood out.

Optimized Web Performance and User Experience
- Improved page load times and website performance by implementing lazy loading, code-splitting, and optimizing asset delivery.
- Reduced load time by 15% on key client projects, providing a smoother and more responsive experience for end users.

Developed Scalable & Reusable Component Libraries
- Built a library for forms, buttons, modals, and notifications, reducing development time for future projects by 25%.
- Empowered other developers on the team to use pre-built components, improving development consistency and delivery speed by 20%.

Implemented Smooth API Integrations
- Integrated RESTful APIs to fetch, display, and manage dynamic data such as search results, real-time content updates, and form submissions.
- Debugged and resolved API-related issues quickly, ensuring reliable communication between the frontend and backend, increasing API response efficiency by 15%.

Delivered Fully Responsive Interfaces
- Leveraged Tailwind CSS and modern design practices to build responsive UIs that adapted beautifully across devices, including desktops, tablets, and mobile screens.

- Tested and refined layouts to ensure flawless performance on all browsers and screen sizes, improving cross-device compatibility by 20%.

2023/01 – 2024/02 **Front end developer**
Lagos, Nigeria   *Apex Bee*
Provided expert technical support and guidance for web-based applications, assisting clients in navigating and utilizing their platforms effectively while addressing their specific needs.
- Enhanced client satisfaction by 25% through proactive issue resolution and tailored guidance, ensuring efficient platform utilization.

Analyzed and troubleshot complex user-reported issues using diagnostic tools and techniques, identifying root causes and implementing tailored, effective solutions.
- Resolved 95% of reported issues within the first contact, reducing downtime and improving user confidence by 20%.

Oversaw the development, deployment, and optimization of web applications, ensuring they are secure, scalable, and performant to meet both user expectations and business requirements.
- Improved application scalability and performance by 30% through optimization techniques, meeting user expectations and business goals effectively.

Continuously enhanced the reliability and functionality of web applications, prioritizing user satisfaction and delivering seamless performance across various platforms.
- Reduced application downtime by 20% through regular maintenance, testing, and updates, significantly boosting user reliability.

Collaborated with cross-functional teams to design and implement tailored web development solutions that meet specific client needs, enhancing user experience and functionality across their websites and applications.
- Delivered customized solutions that improved user experience and functionality by 35%, driving client retention and engagement.

Projects

2024/12 – 2024/12 **Travel Itinerary Platform** ⬈

- **UI Implementation: I was provided with a Figma design for the landing page UI and was required to develop additional screens for search functionality and the itinerary page. Using my initiative, I created the search interface for flights, hotels, and activities that seamlessly integrates with the main landing page and itinerary page, ensuring an intuitive user experience.**
- **Search and Selection Functionality: I implemented a search system to allow users to search for flights, hotels, and activities based on location and travel preferences. Users can then add these items to their itinerary, where they can view their selections in a detailed itinerary view.**
- **State Management: I used React's useState and useEffect hooks for managing state and fetching mock data. The data for selected flights, hotels, and activities was dynamically updated based on user interactions. For scalability and better organization, I structured the data handling using local storage, ensuring that users' selections persisted across sessions.**

2024/11 – 2024/12 **FULLSTACK BLOG APP** ⬈

UI Design and Development:
- Developed a visually appealing and user-friendly interface for the blog application using **NEXTJS & Typescript**

User Authentication:

- Integrated **JWT-based authentication** for secure user login and registration.
- Included role-based access control to differentiate between regular users and admin functionalities.

Blog Features for Users:
- Enabled authenticated users to create and submit posts with validation to ensure data integrity.
- Designed a post submission page with a rich text editor for formatting content.
- Implemented real-time updates, ensuring user-created posts appear immediately after submission.

Admin Panel:
- Developed an admin dashboard to manage users and blog posts efficiently.
- Features include:

Backend Development:
- Built with **Node.js** and **Express.js**, ensuring a robust API structure.
- Connected the app to a **MongoDB database** for storing user data, posts, and admin actions securely.

API Implementation:
- RESTful API endpoints for user authentication, post creation, and admin actions.
- Included error handling and validation for secure and seamless data processing.

2024/09 – 2024/09   **FULLSTACK E-COMMERCE WEBSITE** ⧉

Seamless Cart Functionality:
- Developed a dynamic cart system for the e-commerce app using **React.js** and **TypeScript**, allowing users to pick and add items effortlessly.
- Implemented the **React Context API** for global state management, ensuring cart data was accessible across all pages of the application.

Interactive Cart Modal:
- Designed and integrated an interactive cart modal for a smooth user experience during checkout.
- Styled the modal with **Tailwind CSS**, ensuring a visually modern and fully responsive design on devices of all sizes.

Real-Time Add and Remove Functionality:
- Enabled real-time updates for adding, removing, and modifying items in the cart without requiring page reloads.
- Enhanced user feedback by implementing subtle animations for cart updates, making the process intuitive and engaging.

Dynamic Price and Item Count Calculation:
- Built functionality to dynamically calculate the total price, item count, and item breakdown within the cart modal.
- Included real-time updates to these calculations as users interacted with the cart.
- Added a **checkout simulation button**, providing users with a realistic flow for proceeding to payment.

Client Collaboration and Results:
- Worked closely with the client to understand their requirements and tailor the app to their business needs.
- Delivered a scalable, responsive, and user-friendly e-commerce solution, resulting in a 40% increase in user engagement for the client's online store.
- Received positive client feedback for the app's intuitive design and seamless shopping experience.

Education

Ilorin, Nigeria   *University of Ilorin*