Tobi Daramola

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GITHUB | LINKEDIN

EDUCATION

OBAFEMI AWOLOWO UNIVERSITY   April 2014 - April 2019
BACHELORS CIVIL ENGINEERING   Ile-Ife, Osun State, Nigeria

EXPERIENCE

CHAINCONSULTS | BACKEND DEVELOPER (INTERN)   Lagos, Nigeria | Mar 2022 – Sep 2022

- Developed web applications using Node Js environment and Express Js, using git and GitHub for version control.
- Integrated Firebase database (Firestoredb) and Google authentication into projects.

EXPERBUILD | WEB DEVELOPER   Lagos, Nigeria | Sep 2022 – Feb 2023

- I utilized my expertise in various technologies, including JavaScript, Next JS, Redux, and MongoDB, to develop a robust web application. Leveraging these skills, I successfully built a fully functional application with seamless functionality.
- To ensure a smooth user experience, I implemented client-server communication through the creation of APIs. These APIs enable the execution of essential CRUD operations on the server side, which are then accessed and utilized on the client side. This integration allows for efficient data management and interaction within the application.
- In addition to the frontend implementation using JavaScript and Next JS, I leveraged Redux for state management, ensuring a scalable and maintainable application architecture. By utilizing Redux, I facilitated a centralized approach to managing the application state, enhancing efficiency, and simplifying the development process.
- To handle data storage, I utilized MongoDB as the database. With its flexible and scalable nature, MongoDB proved to be an ideal choice for managing and storing application data. This ensured efficient data retrieval and storage, further enhancing the overall performance of the web application.
- Overall, my combined technical skills in JavaScript, Next JS, Redux, and MongoDB empowered me to develop a fully functional web application. By incorporating APIs for server-side operations and employing client-side API calls, I achieved a seamless user experience with robust data management capabilities.

DARAMOLA ADESUYI FOUNDATION (DAF) | WEB DEVELOPER   Lagos, Nigeria | Feb 2023 – Present

- I utilized my technical expertise in JavaScript, Next.js, Redux, and MongoDB to successfully develop a comprehensive web application. This involved leveraging a combination of these skills to create a fully functional system. To ensure seamless communication between the server and client, I designed and implemented APIs capable of performing Create, Read, Update, and Delete (CRUD) operations on the server side. These APIs were seamlessly consumed whenever API calls were made on the client side. By integrating these technologies and applying my proficiency, I successfully crafted a dynamic and efficient web application.

SKILLS

PROGRAMMING LANGUAGES	JavaScript, TypeScript (Basic)
LIBRARIES/FRAMEWORKS	React Js, Node Js, Next Js, Redux and Redux toolkit, Express, Bootstrap, Material UI
TOOLS / PLATFORMS	Git and Github, Vercel, Stackoverflow, Medium
DATABASES	Mongodb

PROJECTS / OPEN-SOURCE

EXPERBUILD | Link   Javascript, Next JS, Redux, MongoDB, Github, Vercel

- For this project, I chose Next.js as my preferred framework for both the client-side and server-side development, as it offers advantages over using React and Node separately.
- To handle data storage, I opted for MongoDB, where all the necessary data, including user authentication data, is stored as documents within a specific collection. To access this data, I designed APIs that are implemented in different pages within the Next.js API section. These APIs serve as the interface for retrieving and manipulating data from the MongoDB database, providing the required functionality for the application.
- In terms of state management, I employed Redux and Redux Toolkit. These powerful tools allowed me to efficiently manage and synchronize the application state across different components, enhancing the overall performance and maintainability of the project. Additionally, to persist certain data, such as user authentication tokens or other relevant information, I utilized local storage, leveraging cookies for secure storage and retrieval.
- By building the project with Next.js, utilizing MongoDB for data storage, implementing APIs for data retrieval, and integrating Redux for state management along with local storage for storing cookies, I have developed a comprehensive web application that ensures smooth user experience, secure data management, and efficient state synchronization.

PREP(IN DEVELOPMENT MODE) | Link   JavaScript, Next Js, Mongodb, Redux, Github, Vercel

- For this project, I also opted for Next.js as the primary framework. By utilizing Next.js, I developed the entire project with enhanced efficiency and seamless integration.
- To ensure efficient data storage and retrieval, I leveraged MongoDB as the database solution. All data, including user authentication data, is securely stored within documents in a MongoDB database collection. To access this data, I implemented APIs on various pages within the Next.js API directory. These APIs enable smooth communication between the client and server, allowing for seamless data retrieval and manipulation.
- To manage the application's state, I employed Redux and Redux Toolkit. These state management tools provided a reliable and scalable solution, ensuring consistent and predictable behavior throughout the application. Additionally, I utilized local storage to store cookies, enhancing the user experience by maintaining session data and providing persistent authentication.
- By combining the power of Next.js, MongoDB, Redux, Redux Toolkit, and local storage, I successfully developed a robust web application. This approach not only provided an efficient and seamless user experience but also facilitated secure data storage and reliable state management.