Dawood Ahmed

MERN Stack Developer

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Portfolio

SUMMARY

Passionate and self-taught software engineer with over 3+ years of experience specializing in Web applications. Successfully built and deployed several commercial applications, showcasing proficiency in React Native React and Node-js development. Worked with team members and clients serving in the Central Europe region. Committed to continuous learning and improvement.

SKILLS

Frontend: React Native, React, NextJs, Typescript, HTML / CSS, Bootstrap, TailwindCss, Javascript, Firebase Notifications

Backend: NodeJs, ExpressJs,SQL, MongoDB, Firebase, Python (Basics)

EXPERIENCE

WAAN Tech, Wapda Town - *Full Stack Developer*

Sep 2021 - currently working

- Worked on the frontend application written in **HTML**, **Bootstrap** and **Vanilla Javascript.**
- Implemented **Stripe Connect** checkout on the mobile application which is build on top of **React Native** framework
- Implemented **Firebase Notifications** to notify the front-end about any changes on the backend
- Also broadcast these notification events on all the open tabs in the browser so data can be updated on every tab. Utilized browser **Broadcast Channel API.**
- Worked on **RestFull API** that was utilized in flutter Framework

EDUCATION

Minhaj University, Lahore - *BSCS*

2019 - 2023

PROJECTS

Delivery Champs - *Front-End*

- **Developed:** using **React Native**, Delivery Champs runs seamlessly on both iOS and Android devices. This provides a uniform user experience across platforms and reduces the development time and cost.
- **Multi-Vendor Support:** Delivery Champs allows multiple businesses to register and manage their products on a single platform, offering users a comprehensive marketplace with various vendors.
- **Real-Time Data Updates:** Utilizes Firebase Cloud Messaging (FCM) to push real-time notifications, ensuring instant communication of new orders, status updates, and promotional messages.
- **Cross-Platform Compatibility:** Developed with React Native, the app runs seamlessly on both iOS and Android devices, providing a consistent user experience across platforms.
- **Optimized with TypeScript:** Written in TypeScript, the app benefits from enhanced code quality, maintainability, and early error detection, leading to a more robust application.
- **Efficient Performance:** Features like lazy loading, code splitting, and efficient state management ensure the app runs smoothly and quickly, even with a large number of vendors and products.
- **User-Friendly and Responsive UI/UX:** The app boasts a clean, intuitive, and responsive interface, designed to provide a seamless and enjoyable user experience, adapting well to different screen sizes and user interactions.

Pizza Nova- *Front-End*

- **User-Friendly Design**: Developed using **Nextjs** in a clean, intuitive layout to ensure easy navigation. The website features clear categories and a straightforward ordering process to enhance the user experience.
- **Responsive Interface**: Designed the site to be fully responsive, ensuring it works seamlessly on various devices, including desktops, tablets, and smartphones, to reach a broader audience.
- **Dynamic Content Management**: Implemented a content management system (CMS) to allow for easy updates of menus, prices, and promotional content, ensuring the site remains current and engaging.
- **Online Ordering System:** For a single vendor Integrated a robust online ordering system that supports delivery, pick-up, and dine-in options, with features like real-time order tracking and secure payment processing to improve customer convenience and satisfaction.

Freecia- *Front-End*

- **Developed with React Native:** Created the Freecia app using React Native, ensuring cross-platform compatibility and a consistent user experience on both iOS and Android devices.
- **State Management with Redux:** Implemented Redux for efficient state management, allowing seamless data flow and maintaining application state across various components.
- **Real-Time Notifications with FCM:** Integrated Firebase Cloud Messaging (FCM) to provide real-time notifications, keeping users informed about exclusive deals, order updates, and new arrivals.
- **Curated Shopping Experience:** Designed the app to offer a personalized shopping adventure, featuring a wide range of fashion, lifestyle, and innovative products from top-notch brands.
- **Secure and Swift Transactions:** Ensured the app supports secure payment processing and efficient delivery tracking, enhancing user confidence and convenience.

Go Tour- *MERN Stack*

- **Cross-Platform Development** with **React Native and Expo**: Built the Go Tour app using React Native with Expo, ensuring a consistent and high-performance experience across both iOS and Android platforms.
- **Backend with Node.js and Express:** Developed a robust backend using Node.js and Express to handle server-side logic, API integration, and manage tour bookings and user data.
- **Database Management with MongoDB:** Utilized MongoDB for efficient storage and retrieval of user information, tour details, and booking history, ensuring data integrity and quick access.
- **Real-Time Functionality with Firebase:** Integrated Firebase for real-time notifications, user authentication, and data synchronization, enhancing the user experience with up-to-date information.
- **Comprehensive Admin Panel:** Created an admin panel to manage tours, track bookings, and provide support to travelers and customers, facilitating smooth operational control and customer service.

Frontend Projects- *Frontend*

- These are a few of many projects that I worked on using TailwindCSS/JavaScript and related Frameworks etc.
- [Delivery Champs Web](#) and [App](#)
- [Freecia App](#)
- [Pizza Nova](#)
- [Shopping Buddy](#)
- [Portfolio](#)