M UMAR FAROOQ

Software Engineer | MERN Stack Development | React Native

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📍 Gujranwala, Punjab, Pakistan

SUMMARY

With over 1 year of professional experience, I am passionate about leveraging my expertise in full-stack development, specializing in MERN stack and mobile app solutions, to drive innovative product development. I excel in both front-end and back-end technologies, aiming to deliver high-quality, user-centered applications.

EXPERIENCE

MERN-Stack Developer

AK Solutions

📅 05/2024 - Present   📍 Gujranwala, Punjab

- Developed and deployed scalable web applications using the MERN stack (MongoDB, Express.js, React, Node.js).
- Optimized backend APIs for a large-scale project, reducing API response time by 40% and improving overall application efficiency.
- Integrated third-party services (e.g., payment gateways, authentication providers), streamlining processes and improving the user journey.
- Developed reusable components and libraries in React, reducing development time for future projects by 25%.
- Implemented complex authentication systems using JWT and OAuth, enhancing security across multiple applications.
- Built real-time chat applications using React and Firebase, providing clients with a robust communication platform for their users.
- Delivered custom eCommerce platforms integrating payment gateways and inventory management, enabling clients to efficiently manage their businesses online.
- Worked with RESTfull improving data fetching efficiency and ensuring smooth communication between front-end and back-end systems.

MERN-Stack and React Native Developer

Freelancer

📅 12/2023 - Present   📍 Gujranwala, Punjab

- **Built and launched multiple mobile applications** using React Native, delivering seamless experiences for Android.
- Enhanced user authentication and security by implementing OAuth and JWT, securing user data across platforms
- Optimized SQL and NoSQL database queries, reducing load times by 20% and enhancing user experience
- Developed full-stack applications using the MERN stack (MongoDB, Express.js, React, Node.js), providing end-to-end solutions for clients across various industries.
- Integrated native modules in React Native for advanced functionality, such as camera access, geolocation, and enhancing app usability.
- Worked with RESTful improving data fetching efficiency and ensuring smooth communication between front-end and back-end systems.
- Built real-time chat applications using React Native and Firebase, providing clients with a robust communication platform for their users.

EDUCATION

Bachelor's in Software Engineering

GIFT University

📅 11/2020 - 10/2024   📍 Gujranwala, Punjab, Pakistan

Fsc. Pre-Engineering

GIFT College

📅 05/2018 - 08/2020   📍 Gujranwala, Punjab, Pakistan

SKILLS

React   React Native   Mongo   Express

Node   Next JS   Python   Firebase

MYSQL   Github

PROJECTS

Sikh GPT

I developed the Sikh GPT mobile app, a comprehensive platform for users to explore various aspects of Sikh religion and culture. The app includes the following key features:

- Religious Playlist: Users can listen to a curated collection of religious geets (hymns), creating an immersive spiritual experience.
- eCommerce Store: I implemented a fully functional eCommerce store within the app, allowing users to purchase Sikh-related products with ease.
- Quiz App: A quiz module was integrated to test users' knowledge about Sikhism, providing an engaging way to learn more about the religion.
- Learn Gurmukhi Module: This feature includes interactive modules for learning to read, write, and hear Gurmukhi, the script used in Sikhism. It also includes educational games and quizzes to reinforce learning.
- Sikh Religious Books: Users can access and read Sikh religious books directly within the app, offering a digital library experience.
- Admin Dashboard: I developed an admin dashboard using React, providing the app's administrators with an intuitive interface to manage content, users, and product listings.

This project showcases my ability to integrate multiple complex features into a seamless mobile experience, delivering value through interactive learning, eCommerce, and content management.

LANGUAGES

Urdu
Native

Punjabi
Native

English
Advanced

VOLUNTEERING

Community Emergency Response Member

Rescue 1122

📅 2023 - Present

I served as a **Community Emergency Response Member** with Rescue 1122, where I gained valuable experience in emergency preparedness and response. Additionally, I participated in a **CERT (Community Emergency Response Team) competition** at the national level, representing my university. Our team ranked in the **top 5**, showcasing our skills in disaster management and emergency response.

PROJECTS

Real Esate Website

I created a real estate web application similar to Zillow, designed to provide users with an intuitive platform for buying, selling, and exploring properties. Key features of the platform include:

- Property Listings: Users can easily create posts to upload and manage their property listings, complete with images, descriptions, and pricing.
- Chat Module: I implemented a real-time chat feature using Firebase, allowing seamless communication between buyers and sellers.
- Blog Section: The platform includes a blog where users can post and read articles related to real estate, market trends, and home ownership tips.
- Advanced Search and Filtering: Users can search for properties using various filters (location, price, type, etc.), ensuring they find listings that meet their needs.
- Multiple Calculators: Integrated financial calculators, such as mortgage and affordability calculators, to help users estimate their property-related costs.
- User Authentication: I implemented secure authentication methods using Google, Facebook, and traditional user registration to enhance accessibility.
- Post Fetching: Efficiently managed data retrieval for listings, ensuring quick and accurate results for users browsing through the properties.
- Responsive Design: Tailwind CSS was used to ensure the platform is fully responsive across devices, offering a consistent user experience on mobile, tablet, and desktop.

This project demonstrates my ability to build robust, feature-rich web applications, incorporating real-time functionalities, data management, and secure user interactions.

Photo Editing App

I contributed to the development of a Photo Editing App, focusing on the front-end implementation. Key aspects of my work include:

- User-Friendly Interface: Developed an intuitive and responsive UI using HTML, CSS, and JavaScript, allowing users to easily upload, edit, and apply filters to their photos.
- Interactive Editing Features: Implemented key features such as cropping, rotating, and adjusting brightness/contrast, ensuring smooth user interaction and real-time updates.
- Cross-Browser Compatibility: Ensured the application worked seamlessly across major browsers, providing a consistent editing experience for all users.
- Responsive Design: Focused on building a responsive interface to ensure optimal performance on both desktop and mobile devices.

This project showcases my front-end development skills and ability to create an engaging user experience for interactive applications.

PROJECTS

Item Sync App

I developed ItemSync, a lost and found app designed to help users recover lost items and report found ones. The app includes several advanced features:

- Community Feature: Users can join a community where they can post about lost or found items, fostering collaboration in recovering belongings.
- Real-Time Chat: Integrated a chat feature using WebSockets, allowing users to communicate instantly about lost and found items.
- Advanced Hate Speech Detection: Implemented an intelligent hate speech detection system to ensure a safe and respectful environment within the app.
- Post Management: Built APIs to handle post creation, uploading, updating, and deletion, allowing users to easily manage their listings.
- Responsive UI: Leveraged React Native Paper to create a user-friendly and visually appealing interface, ensuring smooth interaction across devices.

This project highlights my expertise in full-stack mobile app development, with a focus on real-time communication, community-driven features, and backend API development.

ItemSync Admin Dashboard

I created the ItemSync Admin Dashboard, designed to monitor and visualize data from the ItemSync app. Key features include:

- Data Visualization: Integrated Recharts to provide clear, interactive visualizations of key metrics such as user activity, posts, and chat statistics.
- Real-Time Monitoring: Enabled real-time tracking of posts and community interactions, ensuring admins can oversee the platform efficiently.
- **Backend Functionality**: Built robust Express and Node.js APIs to handle data retrieval, user management, and system monitoring.

This project demonstrates my ability to build powerful admin tools, combining front-end data visualization with backend management to enhance app oversight and functionality.