Muhammad Mohsan Khan

| Kmohsinkhan482@gmail.com| Lahore, Pakistan | +92 303 478 9426 | LinkedIn

Junior Software Engineer

Motivated and detail-oriented computer science student with two years of experience in React.js development, seeking a position as a React.js developer. Eager to apply academic knowledge and hands-on project experience to real-world applications, leveraging skills in React and REST frameworks.

PROFESSIONAL EXPERIENCE / PROJECTS

Junior Software Engineer | Big Entities | Lahore | JULY 2023 - PRESENT
- **Front-end Development**: Developed and maintained user interfaces using React.js, ensuring a responsive and dynamic user experience.
- **Component Design**: Designed and implemented reusable React components, enhancing code modularity and efficiency.
- **State Management**: Utilized state management libraries like Redux to manage application state effectively, improving data flow and user interactions.
- **API Integration:** Integrated RESTful APIs to fetch and display dynamic data, ensuring seamless communication between front-end and back-end systems.
- **UI/UX Enhancements**: Collaborated with the design team to improve UI/UX, incorporating user feedback to refine and optimize the user journey.
- **Code Optimization:** Conducted code reviews and optimized code for better performance and maintainability.
- **Collaboration**: Worked closely with cross-functional teams, including back-end developers, designers, and product managers, to deliver high-quality features on time.
- **Testing**: Implemented unit and integration tests using testing frameworks like Jest and Enzyme to ensure code reliability and robustness.

FIELDFORCE APP
- **FIELD FORCE DASHBOARD:** The Field Force Dashboard is a dynamic web portal designed specifically for managing and optimizing the workflow of medical representatives. The application features role-based access, where permissions and functionalities are tailored to different user roles. Admins have access to advanced features for task progress tracking, and performance analysis, while medical representatives have access to features suited for managing their tasks and schedules.
- **Front-end Development**: The front-end of Field Force Dashboard is built using the React.js library, providing a seamless and responsive user experience. The application leverages the power of React to create a dynamic and interactive interface.
- **COMPONENT DESIGN:** The project integrates and designs reusable components, which speeds up the development process and helps maintain program consistency. The components' adaptable nature makes them easy to update and maintain.**.**
- **STATE MANAGEMENT:** State management is handled efficiently using the Redux library. Redux ensures that the application's state is predictable and easy to manage, enhancing the overall performance. It allows for centralized state management, making it easier to debug and maintain the application**.**
- **API INTEGRATION:** The application integrates with various APIs to fetch and manage data. This includes backend APIs for task assignments, progress tracking, and performance metrics, ensuring real-time data synchronization and smooth operation.
- **UI/UX ENHANCEMENTS:** Significant focus is placed on enhancing the user interface and user experience. The design is intuitive, ensuring that users can navigate the application effortlessly. UI/UX enhancements include responsive design, accessibility improvements, and user-friendly layouts.
- **Code Optimization:** Conducted code reviews and optimized code for better performance and maintainability.
- **BUG FIXES AND DEBUGGING:** Continuous bug fixes and debugging are performed to maintain the application's stability and functionality**.**

EDUCATION & PROFESSIONAL DEVELOPMENT
Bachelor of Science in Computer | Riphah International University | 2020 - 2024
Web Developer / MERN Stack Developer Certification, platform: Ideoversity, Arfa software technology, 2022

TECHNICAL SKILLS
Microsoft Office | Microsoft SharePoint | Google Docs | Google Drive | Google Calendar | QuickBooks | Dropbox

LANGUAGES
English (Conversational) | **Urdu** (Fluent) | **Punjabi** (Fluent)