MUDDASAR REHMAN

MERN STACK DEVELOPER

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SUMMARY

I am a versatile MERN stack developer with over 2 years of experience crafting responsive, user-focused web applications. Proficient in React, Next.js, Tailwind CSS, and Styled Components, I excel in creating seamless, visually engaging interfaces. On the back end, my expertise includes Node.js, Express.js, Nest.js, MongoDB, PostgreSQL and MySQL, Redis, and GraphQL, enabling me to build scalable and secure APIs.

With hands-on experience in AWS, GCP, Azure, Docker, and CI/CD pipelines, I optimize deployment workflows and ensure reliable, high-performing solutions. Passionate about continuous learning, I deliver innovative results, combining strong problem-solving skills with a collaborative approach to drive success in both frontend and backend development.

TECHNICAL SKILLS

Next js	React Js	State Management
Web Sockets	Typescript	Responsive Design
JavaScript	Tailwind Css	Styled Components
BootStrap	Express Js	Firebase
Version Control	Localization	Performance Optimization
Api Integration	Nest Js	MongoDB
Node Js	AWS	MySQL
GCP	CI/CD Pipeline	PostgreSQL

PROFESSIONAL EXPERIENCE

MERN-Stack-developer - Verticalsols   **March 2023 - Present**

- Developed and maintained responsive web applications using React and Next.js, enhancing user experience and performance.
- Implemented modern UI frameworks such as Tailwind CSS, Styled Components, and Bootstrap to create visually appealing and consistent interfaces.
- Collaborated with back-end developers to integrate RESTful APIs and GraphQL, ensuring seamless data flow and dynamic content updates.
- Developed robust back-end solutions using Nest.js, Node.js, and Express with MongoDB, ensuring efficient API design, data management, and scalability.
- Integrated real-time web features using WebSockets and Socket.io, enhancing user interaction in collaborative applications like chat systems or live updates.
- Leveraged Redux and Zustand for state management, ensuring efficient data flow and predictable state transitions within the front-end application.
- Optimized web application performance through code splitting, lazy loading, and other best practices, resulting in improved load times and user engagement.
- Conducted comprehensive testing using Jest and React Testing Library, ensuring high code quality and reliability across multiple browsers and devices.

MERN-Stack-BootCamp - Game-Train   **Nov 2022 - Feb-2023**

- Designed and implemented dynamic, high-performance front-end applications using React and Next.js, delivering intuitive and responsive user experiences.

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- Integrated RESTful APIs with modern state management solutions like Zustand, ensuring seamless communication between client-side components and back-end services for enhanced application efficiency and reliability.
- Collaborated closely with designers, back-end developers, and stakeholders to bridge the gap between UI/UX designs and scalable, functional applications.
- Optimized front-end performance by employing techniques such as code-splitting, lazy loading, and adhering to industry best practices, resulting in fast load times and smooth navigation across devices.

PROJECTS

Verticalsols Website

- Created a dynamic website using Next.js to ensure high performance and seamless user experience.
- Converted Figma designs into functional and pixel-perfect code, closely following the design specifications.
- Designed the frontend using Tailwind CSS, ensuring a responsive and modern UI/UX.
- Managed state efficiently with Zustand, providing a clean and scalable state management solution.
- Integrated a chatbot with support for both audio and text chat, enhancing user engagement and accessibility.
- Implemented animations using Framer Motion for smooth and visually appealing transitions.
- Used Server-Side Rendering (SSR) for improved SEO and faster initial page loads.
- Developed an admin panel for managing content and user interactions, providing intuitive and secure control over application features.
- Built a robust backend using Node.js, Express, and MongoDB, ensuring efficient data handling and a scalable architecture.
- Created RESTful APIs for seamless communication between the frontend and backend.
- Implemented authentication and authorization mechanisms for secure user management.
- Optimized database queries for high performance and scalability.

Employee Engagment System

As a full-stack developer, I designed and developed Employee Engagment Ststem , an advanced internal organizational system tailored to streamline task assignment, enhance team collaboration, and improve productivity within organizations. The platform delivers a modern, scalable, and secure solution for project tracking and task management.
Key Features and Technologies:
- Multi-role-based access control for secure data handling and efficient task delegation.
- Dynamic form management using React Hook Form and validation with Yup.
- Real-time notifications powered by Firebase Cloud Messaging API.
- State management using Zustand for scalability and efficiency.
- Scalable backend built with Nest.js using a modular architecture.
- Amazon S3 integration for secure file storage and management.
- Comprehensive email notification system for updates and alerts.
- Flexible and scalable database design using MongoDB.
- Modern, responsive frontend development with Next.js.
- Deployment on AWS, leveraging robust cloud infrastructure and S3 buckets for file storage.

Feedback-App Booking-System

- Developed using Node.js and Express.js with a MySQL database for scalable and efficient data handling.
- Therapists can set and update working hours and availability.
- Therapists can manage schedules for seamless appointment booking.
- Patients can book appointments with available therapists.
- Patients can reschedule appointments with real-time push notifications via Firebase.
- Patients can leave reviews and add therapists to favorites.
- The admin panel is built with Next.js for an intuitive and responsive interface.
- Admins can efficiently manage therapists, patients, appointments, and reviews.
- Integrated Firebase for real-time notifications and instant updates.
- Designed with a scalable architecture to ensure a seamless experience for therapists, patients, and administrators.

OOSH Marketplace

- Developed a mobile application supporting multi-role functionality (Salesman, User, Admin).
- Designed and implemented the Admin Panel using React.js for efficient management of users, products, and orders.
- Integrated WebSockets for real-time updates and notifications.
- Enabled role-based access control to ensure secure and tailored functionality for each role.
- Built real-time features like order status updates and inventory management.
- Focused on user-friendly UI/UX for seamless navigation and efficient operations.

Bookdirect Website

- Developed a responsive landing page using Next.js.
- Integrated Framer Motion to create smooth and engaging animations.
- Designed a modern and user-friendly interface with Tailwind CSS.
- Optimized the landing page for SEO using Server-Side Rendering (SSR).
- Ensured fast load times and performance through code splitting and lazy loading.
- Focused on creating an interactive and visually appealing user experience.

Khatoa Admin

- Designed and developed an Admin Panel for managing food orders, deliveries, and platform operations.
- Built using React.js for a responsive and intuitive user interface.
- Integrated features for managing restaurants, menus, orders, and delivery agents.
- Implemented real-time updates for order statuses and delivery tracking using WebSockets.
- Added role-based access control to manage admins, restaurant owners, and delivery personnel securely.
- Ensured a smooth user experience with a clean dashboard design and performance optimization.
- Focused on scalability to handle a growing number of users and restaurants.

Kids Coloring Website

- Developed a Coloring Kids Website with admin panel and backend for interactive coloring activities.
- Created an admin panel for managing blogs and games, allowing admins to easily add, update, or remove games and content.
- Designed an engaging user interface where users can select from multiple images and color them by tapping on specific parts of the image.

- Ensured SEO optimization by implementing Server-Side Rendering (SSR) for improved search engine visibility.
- Utilized Firebase Firestore to store and manage user data, game metadata, and blog content.
- Used Firebase Storage (bucket) to securely handle image assets and game files.
- Focused on creating a user-friendly experience with a responsive design for both desktop and mobile devices.
- Incorporated interactive features to enhance engagement and provide a fun experience for kids.

EDUCATION

MCS - Master Of Computer Sceince   **2018 - 2022**

Gomal University D.I Khan