MD Shahnawaz Alam

Full Stack Web Developer

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Profiles

in mdsahnawaz24	◯ Shahnawaz1967	Shahnawaz
LinkedIn	github	Portfolio

Summary

I am a Full Stack Developer experienced in building scalable web apps using React, Next.js, and Node.js. I have improved UI, fixed bugs, and boosted performance in existing projects, and built full MERN apps with JWT auth and real-time features. I write clean code and use Redux, Context API, useMemo, and debounce to improve speed and User Interface. I enjoy building meaningful solutions and continuously seek to grow and innovate.

Experience

Almabetter
Full Stack Web Developer   April 2024-March 2025

Worked on Existing Projects
- Improved Existing Full Stack websites by fixing bugs, handling errors, and making them mobile responsive.
- Used Redux and Context API to manage app state efficiently.
- Applied useMemo, useCallback, and debounce to improve performance.
- Built an E-commerce website, handled product listings, cart, and user interactions.
- Worked on the Lounge Section, where students ask questions and teachers respond.

Built Full Stack Projects from Scratch
- Developed complete web apps using MongoDB, Express, React, and Node.js.
- Implemented JWT authentication to secure login and protected pages.
- Used Redux Toolkit and Context API for state and auth handling.
- Created clean UI, managed APIs, and ensured fast and responsive performance.
- Focused on writing structured code and solving real-time errors effectively.
- Created multiple full-stack projects with Next.js, React, and Tailwind CSS.

Projects

Chat-app   Feb-2025
⊘ Live

ChatApp - Real-Time Messaging Application
- Secure login and signup with password hashing.
- Real-time chat using Socket.IO.
- Add, view, and manage contacts.
- Auto-generated profile photos based on gender.
- Clean and modular code with the MVC pattern.
- Built with Node.js, Express, MongoDB, and Socket.IO

Flashcard-Generator   04/11/2023
⊘ Live

Tech Stack: React, Tailwind CSS, Redux Toolkit, Formik
- User Interface: Built with React to create a smooth, dynamic, and interactive user experience.
- Responsive Design: Styled using Tailwind CSS to ensure the application is fully responsive across all devices, from mobile to desktop.
- State Management: Utilized Redux Toolkit to manage the app's data flow efficiently, ensuring smooth interactions and state consistency.
- Form Validation: Integrated Formik for real-time form validation, preventing errors and ensuring accurate data input.

Features:
- Real-time Validation: Provides immediate feedback during form input, highlighting errors as they occur.
- Responsive Layout: Ensures optimal viewing on all devices with a mobile-first approach using Tailwind CSS.
- Reusable Components: Developed modular React components to improve code reusability and overall app performance.

Optimizations:
- Code-Splitting: Implemented React code-splitting to reduce initial load time, improving app speed and performance.
- Error Handling: Designed clean and clear error messages to enhance user feedback and experience.

Personal-Portfolio
⊘ Live Link

I Built a responsive personal portfolio website using Next.js, TypeScript, Tailwind CSS, and shadcn/ui. Implemented smooth animations with Framer Motion and integrated a database for storing contact form messages.

Netflix-clone   09/2024
⊘ Live

Tech Stack
- MERN (MongoDB, Express.js, React, Node.js): Built a robust and scalable full-stack application.
- Tailwind CSS: Delivered a modern, responsive design for seamless experiences across all devices.
- Redux Toolkit: Streamlined state management for efficient data handling and smooth app performance.
- TMDB API: Integrated for dynamic and accurate movie data, providing real-time updates.

Dynamic User Features
- Smart Search and Filter: Enabled users to find movies effortlessly with dynamic filtering and detailed information.
- Personalized Recommendations: Delivered tailored movie suggestions based on user preferences and behavior.
- Secure Watchlist: Developed a user-specific, authenticated watchlist for privacy and ease of access.

Performance Enhancements
- Lazy Loading: Optimized image and component loading for faster page speed and a smoother browsing experience.
- Debounced API Calls: Enhanced server efficiency and reduced redundant requests during searches for a faster response.
- Data Caching: Utilized Redux to cache movie data, reducing API usage and improving load times.
- Code-Splitting: Applied React's code-splitting to load components on demand, significantly enhancing performance.

Skills

Language
Javascript, HTML, CSS, TypeScript, C++, DSA

Frameworks
React, Expressjs, Nodejs, Nextjs

Database
MongoDB, MYSQL, PostgreSQL

Tools
VsCode, Github, vercel, Netlify, Aws

Education

IES College of Technology, Bhopal
B.Tech in Electronics &Communication
7.47 CGPA

New Sainik Senior Secondary Public School , Delhi
12th Class   CBSE
65%

Millia Convent English School, Purnea
10th Class   CBSE
9.2

Certifications

Full Stack Web Development   12-12-2023
Almabetter
⊘ Live