

Akshay Kumar

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MERN-Stack Developer

Dynamic MERN Stack Developer with 3+ Years of Expertise | Proficient in Building Scalable, High-Performance Web Applications, Integrating Robust APIs, and Delivering Intuitive User Experiences

WORK EXPERIENCE

HCLTech

Noida, Uttar Pradesh, India • 01/2022 - Present

MERN-Stack Developer

- Developed and maintained full-stack web applications using MongoDB, Express.js, React.js, and Node.js (MERN), achieving a 30% increase in development efficiency.
- Designed and implemented responsive user interfaces using React.js and Tailwind CSS, improving cross-device compatibility by 40%.
- Optimized web application performance, reducing load times and improving overall efficiency by implementing code-splitting, lazy loading, and state management techniques.
- Reduced page load times by 30% through code refactoring, caching strategies, and performance optimization techniques.
- Optimized MongoDB queries and database schema design, resulting in a 50% improvement in data retrieval speeds.
- Spearheaded integration of RESTful APIs, optimizing data flow and enhancing user experiences.

SKILLS

- Programming Languages: CSS3, HTML5, JavaScript (ES6+)
- Frontend Development: Bootstrap, Material UI, React JS, React-Router, Redux, Tailwind CSS
- Backend Development: Express.js, Node.js, RESTful API design
- Version Control: Git, Github
- Database Management: MongoDB, Mongoose for schema design

PROJECTS

MERN Chat App

09/2024 - 11/2024

- Developed a real-time chat application using the MERN stack with WebSocket integration for seamless communication. Implemented secure user authentication using JWT tokens.
- Achieved a 40% improvement in message delivery speed through efficient WebSocket and database optimization.

Netflix GPT - Responsive Movie Recommendation Platform

08/2024 - 09/2024

- Built with: React JS, Tailwind CSS, Redux, TMDB API, Gemini API
- Enhanced user experience through secure login and sign-up forms, implementing form validation via Firebase.
- Fetches real-time movie data from the TMDB API, ensuring comprehensive and up-to-date movie listings.
- Integrated Gemini AI to deliver smart, keyword-based movie recommendations.

EDUCATION

B.tech in Electronics & instrumentation engineering

MJP Rohilkhand University • GPA: 72.1%

Bareilly • 07/2015 - 08/2019