Madhur M

MERN Stack Developer, 6+ years experience
Indore, India
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Experienced developer with over 6+ years of expertise in building dynamic, responsive web applications, including Server-Side Rendering (SSR) and Static Site Generation (SSG). Proficient in Next.js, React.js, Node.js, Nest JS, Express JS, and microservices architecture for scalable, maintainable applications. Skilled in crafting efficient RESTful APIs, integrating third-party services, and implementing authentication and authorization mechanisms. Experienced in designing and developing GraphQL APIs and maintaining high-quality codebases in fast-paced environments. Proficient in SCSS, UX design principles, and Adobe Creative Suite (Photoshop, Illustrator) for creating visually engaging user experiences. Strong problem-solving abilities, combined with a proactive approach to troubleshooting and debugging. Experienced in collaborating with cross-functional teams, setting coding standards, and developing technical documentation to accurately represent application design and code. Solid database and big data skills, including MS SQL, Oracle, MySQL, and MongoDB. Proficient in cloud platforms like AWS and Azure, with hands-on experience deploying applications using EC2, S3, and Lambda. Implemented CI/CD pipelines using GitHub Actions, Jenkins, and Docker to automate deployment and testing processes. Passionate about keeping up with the latest trends in React and Node development to continuously improve productivity and drive innovation. Demonstrated experience in performing unit and integration testing, ensuring stable and reliable production-ready releases.

INDUSTRIES: Software and Platforms

TECHNICAL SKILLS

• ReactJS	6 years & 1 months
• Node.js	5 years & 1 months
• EXpressJS	5 years & 1 months
• NextJS	5 years & 1 months
• API	5 years & 1 months
• GraphQL	2 years & 1 months

SOFT SKILLS

Communication, Problem-solving, Teamwork

PROJECT DETAILS

• Digitera

Project Description: Digitera stands as a leading digital transformation company operating in the USA, Singapore, and India. Our expertise lies in providing innovative digital solutions tailored to the needs of small and medium enterprises across various industries. Dedicated to leveraging cutting-edge technology to drive meaningful change and empower businesses to thrive in today's digital landscape.
Responsibilities: We excel in crafting responsive websites tailored to specific domains Ensuring optimal userexperiences. Implement and maintain RESTful APIs for communication between the frontend and backend components. Contributed to internal documentation and helped establish coding standards for maintainability and consistency across teams Designed and deployed microservices-based architecture using NestJS, implementing service communication via REST APIs and event-driven mechanisms Adeptly handled the administration panel to enable dynamic content management for websites Mentored junior developers and conducted code reviews, ensuring adherence to best coding practices and performance optimization strategies
Technologies: Next JS, Stripe, Node JS, Material-UI, Nest.js, Redux, Mongo DB.
Industry: Software and Platforms

• ClickIPO

Project Description: ClickIPO addresses the existing information gap in the IPO market among retail investors and empowers them to discover, monitor, share, and potentially participate in public offerings through a supported brokerage account
Responsibilities: Ensure smooth communication between the NextJS frontend and Node.js backend, implementing efficient data exchange protocols. Optimized frontend performance by implementing lazy loading, code splitting, caching strategies and Webpack optimization, resulting in a 30% faster load time Designed relational database schemas and implemented indexing strategies for scalable backend systems Performed thorough unit and integration testing using Jest and Mocha to ensure stable, production-ready releases Collaborate with front-end and back-end developers to integrate and test system components. Implemented authentication and authorization using JWT and OAuth for secure API access. Develop and maintain server-side logic using Nest.js, handling data, and managing APIs. Utilized AWS services like Lambda and S3 for backend processing, ensuring scalability and cost-effectiveness Create and maintain databases, optimize queries, ensure data consistency, and implement security measures. Manage CI/CD pipelines to ensure seamless integration and delivery of code changes. Implement and maintain RESTful APIs for communication between the frontend and backend components.
Technologies: Nest JS, Node JS, Typescript, Next JS, REST APIs, AWS Elasticache, Mongo DB, CI/CD.
Industry: Software and Platforms

• Regenesys Business School

Project Description: Regenesys Business School is a leading institution in South Africa renowned for its comprehensive range of academic programs spanning undergraduate, and postgraduate diplomas, master's, and doctoral levels. With a commitment to excellence in education, Regenesys provides students with a dynamic learning environment that fosters innovation, critical thinking, and practical skills development. The school's diverse curriculum covers a wide spectrum of business disciplines, empowering graduates with the knowledge and expertise needed to thrive in today's competitive global marketplace. Through a combination of cutting-edge research, industry partnerships, and experienced faculty.
Responsibilities: Collaborated in the development of a dynamic and responsive web platform using Next.js, TypeScript, Material-UI, Nest.js and Express.js. Contributed to the design and implementation of both frontend and backend components, ensuring seamless integration and optimal performance. Extensive experience with MySQL optimizing queries for high-performance applications Ensured adherence to coding standards and best practices, maintaining code quality and scalability throughout the development process. Led the team in implementing SSR with Next.js, improving SEO and performance metrics for the website Implemented CI/CD pipelines using GitHub Actions to streamline deployment processes. Actively participated in project planning, sprint meetings, and code reviews, fostering collaboration and driving continuous improvement.
Technologies: Next Js, TypeScript, Material-UI, Nest.JS, Express.js, MySQL, Node JS
Industry: Software and Platforms

EMPLOYMENT HISTORY

• MERN Stack Developer

Description: Designed and developed full-stack web applications using MongoDB, Express.js, React.js, and Node.js (MERN stack). Built responsive, reusable, and scalable UI components with React.js, Redux, and modern ES6+ JavaScript features. Developed secure and high-performance RESTful APIs and GraphQL endpoints using Express.js and Node.js. Engineered database schemas, managed indexes, and optimized queries for performance in MongoDB and Mongoose ORM. Implemented end-to-end authentication and authorization flows using JWT, OAuth2, and session-based methods. Utilized React Router and state management libraries (Redux, Context API) to handle client-side navigation and global state. Built reusable hooks and custom components to streamline development and enhance maintainability of large-scale React apps. Integrated third-party services and APIs such as payment gateways (Stripe, PayPal), email services, and cloud storage. Ensured cross-browser compatibility and responsive design using CSS3, SCSS, Tailwind, and styled-components.

EDUCATION

• Bachelors degree in Bachelor of Computer Applications from Khandwa Devi Ahilya Vishwavidyalaya — 2015 - 2018

LANGUAGES

• English - advanced

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