

AMAN KUMAR

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Career Objective

MERN Stack Developer with 2 years of experience in developing full-stack web applications. Skilled in API integration, code optimization, and creating user-friendly solutions. Passionate about learning and delivering impactful, innovative applications. Adept at designing scalable architectures, optimizing database performance, and ensuring seamless front-end and back-end interactions. Strong problem-solving abilities with a focus on writing clean, maintainable, and efficient code. Committed to staying updated with the latest technologies and best practices to drive continuous improvement in development processes.

Education

Bachelor of Technology, Electrical

Engineering Maharishi Dayanand University

Jul 2019 - Jul 2023

Higher Secondary School (12th)

ST. Vivekanand Sr. Sec. School , Delhi-81

May 2017 - May 2018

Secondary School (10th)

ST. Vivekanand Sr. Sec. School, Delhi-81

May 2015 - May 2016

Skills

Frontend: React.js, Next.js, HTML, CSS, JavaScript, Bootstrap, Tailwind

Backend: Node.js, Express.js, GraphQL, RESTful APIs, Authentication & Authorization (JWT, OAuth)

Databases: MongoDB, NoSQL

Tools & Technologies: GitHub, Postman, Figma, Redux

Operating Systems: Windows, Windows 10, macOS

Other Skills: API development, cloud deployment (Heroku,), payment gateway integration (PayPal), real-time data handling

Experience

MERN Stack Developer, Appin Technology

April 2023 - Present

- Designed and developed interactive and responsive user interfaces using React.js with state management libraries like Redux and Context API to enhance user experience.

- Built and optimized RESTful and GraphQL APIs using Node.js and Express.js, ensuring high performance and security.
- Implemented database management strategies to optimize MongoDB performance, including indexing, aggregation, and efficient query handling.
- Led a seamless migration of data between SQL and NoSQL systems, ensuring data integrity, minimal downtime, and enhanced system scalability.
- Streamlined API testing and validation using Postman and Insomnia, reducing debugging time and improving reliability.
- Collaborated with cross-functional teams using Git and GitHub, following Agile methodologies to deliver high-quality, scalable applications on time.
- Integrated third-party APIs and authentication methods (OAuth, JWT) to enhance app security and user experience.
- Optimized front-end performance by implementing lazy loading, code splitting, and caching techniques, resulting in faster load times.

Projects

On Cup More

- Crafted a sleek, restaurant-style website showcasing fast food, coffee, and more.
- Developed a dynamic frontend using React.js, JavaScript, Tailwind CSS, and Redux for smooth state management.
- Designed a fully responsive UI for an exceptional user experience across all devices.
- Implemented interactive menu features to enhance customer engagement.
- Collaborated on an e-commerce platform, leveraging Node.js and Next.js for optimized performance and efficient data fetching.

Tools Used: HTML, CSS, JavaScript, React.js, Tailwind CSS.

Customer Relationship Management (CRM)

- Developed a scalable CRM application using the MERN stack, incorporating features such as lead management, user roles, and real-time analytics.
- Designed and implemented RESTful APIs for customer data handling, integrating NoSQL (MongoDB) databases to manage dynamic and relational data.

- Built a lead management module allowing users to submit lead forms, which automatically create linked entries for Organization, Contacts, and the Lead entity—ensuring data consistency and seamless association between entities.
- Implemented lead priority categorization with predefined levels: High, Medium, and Low, enabling quick filtering and prioritization in the lead table.
- Added a feature to archive/unarchive leads, with toggle functionality and status reflected in real-time within the user interface.
- Designed a filtered selection mechanism in the lead table where only the lead name is selectable from a dropdown, excluding other data columns, enhancing data input precision and user experience.
- Ensured responsiveness and optimized UI for lead tracking with intuitive sorting, filtering, and status indicators for lead activity.
- Integrated user-friendly form validation and conditional rendering to ensure proper linkage and data entry flow between Organization, Contacts, and Lead modules.
- Avoided socket-based communication to maintain simpler, REST-focused architecture suitable for scalable deployments and reduced overhead.

Tools Used: HTML, CSS, JavaScript, React.js, Tailwind CSS, Node.js, Express.js, MongoDB, REST API

Pizza Boy

- Developed a responsive and interactive food ordering platform using **React.js**, **Tailwind CSS**, and **Redux** for seamless UI and state management.
- Integrated **Razorpay** as the payment gateway to handle secure online transactions.
- Built essential e-commerce features including:
 - **Sign Up / Login Authentication**
 - **Add to Cart** with Redux
 - **Order Placement with Cart Reset**
 - **Table Reservation System**
 - **User Profile Management and Order History**
- Designed and implemented key pages like **Home**, **Menu**, **About**, **Contact Us**, **Your Orders**, and **Profile Update**.
- Created a robust backend using **Express.js**, handling authentication, order management, table booking, and payment verification.

Tools Used: *React.js, Tailwind CSS, Redux, JavaScript, Node.js, Express.js, Razorpay API, HTML, CSS*