Shashvat Sen

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Education

Sagar Institute of Resaerch and Technology **June 2019 – July 2023**
*B.Tech in Information Technology - **CGPA - 7.44*** *Bhopal, Madhya Pradesh*

Experience

Freelancing **October 2023 – Present**
Full Stack Developer *Bhopal, Madhya Pradesh*

- Built full-stack web applications, improving API response time by 30% using Node.js and MongoDB indexing.
- Optimized frontend performance by 40% using lazy loading, React.memo, and efficient state management with Redux.
- Implemented secure authentication with JWT, bcrypt, and role-based access control for enhanced security.
- Developed real-time features using WebSockets, enabling seamless live updates for users.

CoreCard Software Pvt. Ltd. **July 2024 – October 2024**
Node Js Developer Intern *Bhopal, Madhya Pradesh*

- Contributed to a live open-source Node.js project for Mastercard, collaborating with a dynamic team to develop and enhance backend functionalities.
- Implemented and optimized REST full API's for efficient data handling.
- Worked closely with senior developers to debug and resolve issues, improving the overall stability and security of the application.

Boostup Digital **November 2023 – June 2024**
Frontend Developer *Bhopal, Madhya Pradesh*

- React.js & Tailwind CSS – Developed interactive and responsive UI using React.js and Tailwind CSS.
- Form Handling & API Integration – Implemented efficient form handling with react-hook-form and managed API data fetching using react-query.
- Component Optimization – Built reusable and optimized React components to improve performance and maintainability.

Projects

JeetKaAdda | *JavaScript, ReactJS, React-Query, React-Hook-Form, TailwindCSS, MUI*

- **Frontend Development with React.js** – Developed a dynamic and responsive user interface using React.js, ensuring smooth user interactions and real-time updates.
- **Efficient Data Management** – Leveraged react-query for optimized data fetching and state management, ensuring seamless integration with backend APIs for real-time betting data.
- **Form Handling & Validation** – Utilized react-hook-form for efficient form handling, validation, and submission, enhancing the overall user experience in placing bets.
- **UI/UX Design with MUI & Tailwind CSS** – Designed and styled the frontend using Material UI (MUI) for consistent design patterns and Tailwind CSS for a responsive, mobile-first interface.

E-Commerce Web Application | *MongoDB, Express JS, React JS, Node JS, JWT, Stripe*

- **Full-Stack Development with MERN** – Built a robust and scalable e-commerce website using MongoDB, Express.js, React.js, and Node.js (MERN stack), ensuring a seamless user experience and efficient backend processing.
- **Secure Authentication with JWT** – Implemented a secure authentication system using JWT tokens, enabling safe and efficient user login, registration, and session management.
- **Payment Gateway Integration** – Integrated Stripe as a payment gateway, allowing secure online transactions and enhancing the platform's payment processing capabilities.
- **Responsive Design & User Experience** – Developed a responsive, user-friendly frontend using React.js and Tailwind CSS, ensuring optimal performance and a consistent experience across devices.

Technical Skills

Frontend Technology: JavaScript, React JS, Next JS, HTML/CSS, Tailwind CSS, MUI, AceternityUI
Backend Technology: Node JS, Express JS, MongoDB, JWT, RESTful API's design
Tools: GitHub, Svn, Slack, Postman, VS code, Figma, AdobeXD, Stripe