Shivam Rai

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Profile Summary

MERN Stack Developer with 1.5 Years of experience in building web applications using MongoDB, Express.js, React.js, and Node.js. Expertise in full-stack development, API integration, and creating responsive UIs. Strong in problem-solving and performance optimization.

SKILLS

· **Frontend**: React.js, JavaScript(ES6+), HTML5, CSS3,Redux, Tailwind CSS, Material UI,BootStrap
· **Backend:** Node.js, Express.js, RESTful API, JWT Authentication
· **Database:** MongoDB, MySQL
· **Version Control**: GIT, GitHub, React Hook Form

WORK EXPERIENCE

Frontend Developer

LMV IT Solutions Startup, Hyderabad
August 2023 –October 2024

- Developed a comprehensive insurance policy purchase platform where users can explore and buy policies across multiple categories such as health, motor, and travel from leading companies (HDFC, Godigit, Bajaj, Care Health, etc.).
- **API Integration**: Integrated multiple third-party insurance company APIs to fetch real-time policy quotations based on user inputs, ensuring seamless interaction between the platform and external insurance providers.
- **Quotation Flow**: Designed a user-friendly interface with React.js and Material UI, allowing users to enter personal and vehicle/health details to generate customized policy quotations from various providers.
- **Payment Integration**: Implemented secure payment gateway integration to handle transactions, ensuring compliance with industry-standard security practices like SSL and token-based authentication.
- **Form Handling**: Utilized React Hook Form and Redux for efficient management of multi-step forms, including input validation, error handling, and seamless state management across different steps.
- **User Dashboard**: Created a dashboard for users to view purchased policies, track payment status, and manage renewals, integrating CRUD functionality for policy management.
- **Performance Optimization**: Optimized API response times and minimized application load time using React hooks like `useMemo` and `useCallback`, leading to a 25% improvement in overall performance.
- **Error Handling & State Management**: Implemented global error boundaries and Redux for managing API states like loading, success, and failure, ensuring a smooth user experience with proper feedback on API responses.
- **Collaboration**: Worked closely with backend developers to define and test API endpoints, ensuring that user requests and insurance provider responses were processed efficiently and securely.

Education

BSC IN COMPUTER SCIENCE
MUMBAI UNIVERSITY
2019 – 2022 - 8.7 CGPA

PROJECTS

E-Commerce Application.
React.js, Node.js, Redux Toolkit, MongoDB, Tailwind CSS

- Developed a full-stack e-commerce platform featuring a modern and responsive UI.
- Implemented state management using Redux Toolkit and industry-standard API calls for seamless data flow.
- Integrated **React Hook Form** for efficient form handling and robust validation.
- Designed filtering and sorting functionality by categories, brands, and price ranges, along with pagination for a smooth user experience.
- Built a secure authentication system using JWT and implemented add-to-cart and checkout features with payment integration via Stripe.
- Created an admin panel to manage orders, update statuses, and perform CRUD operations on products.
- Ensured scalability and maintainability with optimized backend logic and modular frontend components.

FriendZone - Social Media Application https://github.com/shivamrai9/friendzone

Next.js | TypeScript | Clerk | MySQL | Tailwind CSS |

- Built a full-fledged social media platform called **FriendZone** with core features like **posting, liking images, following other users, and profile management**.
- Integrated **Clerk** for user authentication, supporting secure sign-ups and logins.
- Designed and implemented a comprehensive **profile page** where users can view, update, and edit their details, including their **profile image**, with uploads handled through **Cloudinary**.
- Implemented **CRUD functionalities** for posts, allowing users to create, edit, delete, and like posts, with real-time updates using Prisma and MySQL for efficient data handling.
- Integrated **following and follower functionalities**, enabling users to connect and engage with others in the platform.
- Styled the entire application using **Tailwind CSS**, ensuring a modern and responsive user interface across different devices.
- Worked with **Prisma** for seamless database interaction with MySQL, ensuring scalable and efficient data querying and manipulation.