Prasoon PR

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About Me

Self-taught MERN Stack Developer passionate about building scalable web applications. Skilled in crafting seamless user experiences, optimizing performance, and developing robust backend systems. Committed to writing clean, maintainable code while continuously learning and adapting to new challenges.

Education

BROTOTYPE, MERN Full Stack Development   April 2024– Present

MG-University, Bachelor of Computer Application   Dec 2021– April-2024

Technologies

Expertise: JavaScript, TypeScript, Node.js, Express.js, React.js, PostgreSQL, MongoDB, RESTful APIs, Redux, MVC Architecture, SOLID Principles, DSA (Data Structures and Algorithms),Docker, Axios

Also Used: JWT, Postman, Tailwind CSS, Bootstrap, Figma, Git

Integrations: Razorpay, PayPal, Cloudinary, AWS, Nginx, Firebase, OAuth2.0, Nodemailer, Multer, Versal

Experience

Professional Development Program, Packapeer Academy   June 2024 – Present

Engaged in a comprehensive self-learning program featuring hands-on projects, personalized mentorship from industry experts, weekly performance reviews, and real-world applications, fostering innovative problem-solving, technical proficiency, and a commitment to continuous improvement.

Projects

Feature-Rich E-Commerce Website for Stones   Live Link

- **Scalable E-Commerce Solution:** Developed a dynamic online store for selling precious stones, ensuring seamless navigation, advanced filtering, and secure checkout.
- **Robust Backend Infrastructure:** Built with Node.js and Express.js, using MongoDB for data storage, JWT and Google OAuth for authentication, and following MVC architecture for maintainability.
- **Optimized Frontend Experience:** Designed a visually appealing and responsive UI using React.js, Redux, and Tailwind CSS to enhance user engagement.
- **Comprehensive Feature Set:** Implemented wishlist, cart, order tracking, referral system, discounts, and coupon functionality to boost user experience.
- **Secure Payment and Order Management:** Integrated Razorpay and PayPal for smooth transactions, OTP verification via Nodemailer, and automated invoice generation.
- **Cloud-Based Media Management:** Leveraged Cloudinary for optimized image storage and retrieval.
- **Performance and Deployment:** Used Docker for containerized deployment, Nginx for reverse proxy, and Vercel for hosting the frontend.

Technologies Used

- **Backend:** Node.js, Express.js, MongoDB, MVC Architecture, JWT, Bcrypt, Multer
- **Frontend:** React.js, Redux Toolkit, RTK Query, Vite, Formik, Lazy Loading, React-Toastify
- **DevOps and Tools:**Git, GitHub, Postman, ESLint, Prettier, Docker, Nginx
- **Also Used:** AWS, Razorpay, PayPal, Axios, OAuth2.0, Cloudinary, Nodemailer, Vercel

Task Management Application   github.com/prasoonpr

- **Efficient Task Management:** Developed a user-friendly to-do app for creating, updating, and deleting tasks with priority levels and deadlines.
- **State Persistence:** Stored tasks in localStorage to maintain data even after page refresh.
- **Optimized Frontend Performance:** Built with React.js, using Redux Toolkit for state management and React-Toastify for notifications.
- **Task Categorization and Filtering:** Implemented task categories, search, and filtering options for better organization.

Technologies Used

- **Frontend:** React.js, Redux Toolkit, Vite, React-Toastify,
- **DevOps and Tools:** Git, GitHub, ESLint, Prettier