

Nagesh Kumar Solanki

Fullstack Developer(MERN)

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Indore(Madhya Pradesh)

EXPERIENCE

- **Hashtag Systems Inc.** Kochi, Kerala
SDE-1 June. 2022 - Present
 - **Signitt Web Application Frontend:** Built entire application from scratch in NEXTjs which also includes Admin Panel .Application's Styling is done using tailwind CSS .Effectively managed application state using Redux for complex state management.
 - **Signitt Web Application Backend:** Built entire Backend from scratch utilizing Node.js, Express.js, and MongoDB to build a highly performant and scalable server-side application. Implemented robust user authentication and security measures, ensuring the protection of sensitive data.Maintained detailed technical documentation for the project, facilitating knowledge transfer and future development.
 - **React quill :** Successfully implemented react-quill text Editor that allows user to easily format text, add bullet points, and create visually appealing content.
 - **Payment Gateway :** Successfully integrated Stripe payment gateway for Paypal,Gpay enabling secure online transactions and expanding the application's functionality.Integrated the necessary APIs and SDKs provided by the payment gateway provider to facilitate payment processing and data exchange.
 - **React to Next Migration:** Led the migration process from React to Next.js, ensuring a smooth transition and minimal disruption to the existing codebase.Rewrote components and pages to Next.js format, leveraging Next.js features such as server-side rendering (SSR) and static site generation (SSG) for improved performance.
 - **Social Media Authentication:** Integrated social media authentication functionality using OAuth into the React application, allowing users to sign in or sign up using their social media accounts.
 - **Image Optimization:** Significantly improved the website's performance by reducing image file sizes ,cropping the image and optimizing their delivery also Implemented lazy loading techniques to prioritize the loading of critical content and images, reducing the initial load time and improving perceived performance..
 - **Real time communication:** Worked on a feature to enable real-time communication by establishing a bidirectional connection between the frontend and the server using socket.io framework for travel connect project.
 - **Customizable Theme:** Developed customizing option to have profile color, Logo, and theme
 - **Subscription based membership:** Implemented Subscription based membership for Ring of Hires website.
- **Digikull** Pune,Maharashtra
Software Engineer Oct 2021 - May 2022
 - **Built reusable functional components:** Built reusable functional components with hooks, Redux (thunk),react-router-dom with API integrations and pagination.
 - **Analytics Dashboard:** Created Analytics Dashboard using Highcharts for performance visualization.
 - **In-app YouTube video player:** Built an in-app YouTube video player for playing sample educational videos .
 - **Homepage size reduction:** Reduced the homepage size by a significant percentage, resulting in faster page load times and improved user experience .
 - **Unit Testing:** Designed and implemented unit tests for individual components and module using a testing framework Jest.

PROGRAMMING SKILLS

- **Tech :** React ,Nextjs ,Node,Express,MongoDB ,Redux ,MUI ,Bootstrap ,Tailwind ,Webpack ,Vite ,Socket ,Jest,AWS Elastic Beanstalk,Amazon EC2,Amazon S3,Amazon SES
- **Languages:** HTML,CSS,JavaScript,C++

PROJECTS

- **Natours App:** Natours is a Travel web App, where a tour can be created , a user can book a tour .Stripe Payment gateway is also implemented for the user in order to make a Transaction while booking a travel destination.
- **Inventory management system:** An inventory management system provides a centralized platform to monitor and update inventory levels in real-time.This project is made using React,MUI for styling,Redux for state management.

EDUCATION

- **Shri Sant Gajanan Maharaj College of Engineering** Shegaon, Maharashtra
Bachelor of Engineering in Electronics and Telecommunication; GPA: 7.00 Aug. 2013 – Dec. 2018