

ROHIT GUPTA

Software Developer

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EXPERIENCE

Software Developer

KR Mroads!

April 2022 – Ongoing Hyderabad, India

- **Panna Timesheets:** In the **Timesheets project**, I led the development of an advanced time-tracking solution utilizing **ReactJS**, **TypeScript**, **React Hook Form**, **Framer Motion**, **Tailwind CSS**, and other modern tools, I crafted a feature-rich platform. Key achievements include project-based management, automated reminders. To enhance security, I implemented **robust user management features** with **role-based access control** and secure authentication. Meticulous validation and error handling maintained data integrity and improved system reliability. The intuitive interface and meticulous validation ensured efficiency and accuracy, driving the project's success.
- **CGMFP Sangraha:** Spearheaded the development of a robust data collection web application utilizing cutting-edge technologies such as **React**, **react-redux**, **Formik**, and **IndexedDB**. Successfully recorded and managed an impressive dataset of over 10,00,000 entries. Notably, implemented a seamless edit form feature that empowers users to efficiently modify previously entered information, enhancing data accuracy and user experience.
- **CGMFP:** Led the development of a comprehensive forest produce database utilizing **React**, **Redux**, and various **AWS services**. Implemented a wide range of components enabling users and administrators to seamlessly access previous year's stock information and track product availability in godowns. With a diverse user base, I successfully encapsulated complex workflows and delivered multiple user interfaces tailored to each role. Additionally, played a key role in refactoring the code base, leveraging class-based data structuring techniques to enhance maintainability and scalability.
- **Sanya GPS:** Drove the development of a cutting-edge GPS-tracking solution based on the renowned open-source project, **Traccar**. I crafted a feature-rich platform to leverage the power of technologies like **Material-UI**, **react-form-hook**, and **redux-toolkit**. Noteworthy achievements include the implementation of **role-based access control**, robust routing functionality, and the development of forms with meticulous validation mechanisms. By harnessing the latest tools and techniques, I delivered an intuitive and reliable **GPS-tracking** solution to meet the project's objectives.

EDUCATION

B.Tech. in Electronics Engineering

MPUAT, Udaipur

May 2018– Oct 2022

SKILLS

- **Languages**
Proficient -> C++, Javascript, NodeJS
Familiar with -> Python, pySpark.
- **Frameworks & Libraries**
React, React-three, React-Redux, MaterialUI, Chakra-UI, Formik, React-Form-Hook, SCSS.
- **Web Technologies**
HTML5, CSS3, JS, REST, Git, Jira

PROJECTS

- **Ecommerce Webstore:** (STORE LINK) (ADMIN DASHBOARD LINK)
Built the end-to-end flow of a responsive eCommerce platform using **Next.js**, **React**, **Tailwind CSS**, **Node.js**, **TypeScript**, **Prisma**, and **Shadcn**. Created an admin interface for efficient product management, multi-store support, and personalized APIs. Implemented **Stripe** for secure payments. Demonstrated full-stack expertise, responsive design, database management, and API integration.
- **Trello Clone**(LIVE DEMO): Engineered a Trello-like web application using **Next.js**, **Tailwind CSS**, **React-beautiful-dnd**, and **TypeScript**, complete with dynamic board, list, and card creation using drag-and-drop interactions, real-time updates facilitated by **Appwrite** for database storage. (GITHUB)
- **Jam And Play**(LIVE DEMO): Designed and developed the website for **Jam and Play Music Academy**, a **Udaipur-based** music institution that transitioned from offline to online teaching, using **Next.js** and **Tailwind CSS** for styling, integrated smooth animations through **Framer Motion**, and enhanced user experience by employing **headless components** for forms.
- **Natours** (SOURCE CODE): Developed a sophisticated **backend server** for **Natours**, a prominent **trip booking website**, powered by **Node.js**. Implementing complex booking logic, including role-based login, **JWT Tokens**, authentication and authorization, and **protected routes**.

CERTIFICATIONS

- Learn C++ beginner course and DSA course on udemy by Abdul Bari.
- Complete web dev bootcamp by Angela Yu.
- React - The complete guide by Maximilian.

