

ROHIT GUPTA

Software Developer

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rohitt-gupta

EXPERIENCE

Software Developer

KR Mroads!

April 2020 – 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 Sangrahaak:** 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 2016– May 2020

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

- **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, and ensured seamless user experience through mobile-responsive design; ([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 and implementing form validations using **React-hook-form**.
- **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**, I ensured a secure and seamless user experience. The source code highlights my proficiency in creating scalable and secure server-side applications.
- **Open Source Contributions:** Actively contributed to various esteemed organizations, including **ethereum.org** and **wemake devs**, as a JavaScript developer.

CERTIFICATIONS

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