# Shubham Kumar Maddheshiya

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## SUMMARY

Full-stack software engineer with experience in Front-end and Back-end development working with MERN technology.

## SKILLS

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|---|---|
| Frontend | JavaScript, ReactJs, Redux, RTK Query, Redux Toolkit, MUI, JSX |
| Backend | NodeJs, ExpressJs, Mongoose |
| Database | MongoDb, Mongoose |
| Database | Docker, Linux |

## WORK EXPERIENCE

### 3.1 Technical Lead (TL) - Chemical Enginering Department, MMMUT      Aug 2022 - March 2023

As a Technical Lead, I spearheaded UI development for websites within the Chemical Engineering Department at MMMUT. My role focused on enhancing user experience by leveraging modern technologies such as React.js and JSX to create dynamic web applications. Employed Material-UI (MUI) for efficient and visually appealing UI design, ensuring usability across platforms. Implemented Redux Toolkit for seamless state management and integrated RTK Query to optimize API communication. On the backend, I developed robust server-side logic using Node.js and Express, while managing databases with MongoDB and Mongoose to ensure data integrity.

### 3.2 Software Engineer(SE) - Apni Tapri (Cloud Kitchen)      April 2023 - Nov 2023

During my tenure as a Software Engineer at Apni Tapri, I led the design process, focusing on detailed case studies to understand user personas, flows, and site maps. Utilized wireframing for visual design concepts. Designed intuitive UIs for mobile and web using Figma for consistency. Created interactive prototypes for feedback. Developed frontend with React.js for modularity. Implemented Redux Toolkit for state management. Integrated RTK Query for API integration. Used Node.js and Express for backend. Managed databases with MongoDB and Mongoose for integrity and scalability.

### 3.3 Freelance FullStack Developer and Product Designer - VibleTrips      Jan 2024 - present

As a Freelance FullStack Developer and Product Designer at VibleTrips, I took on various responsibilities encompassing project design, development, and product enhancement. I designed projects using comprehensive case studies, wireframes, and strategic planning to ensure a thorough understanding of user requirements. Leveraging tools like Figma, I crafted visually appealing UIs for mobile and web applications, iterating on designs through prototyping for optimal user experience. My development work focused on frontend components with React.js, employing Redux Toolkit for state management and RTK Query for efficient API interactions. On the backend, I engineered solutions using Node.js, Express, MongoDB, and Mongoose, while also streamlining internal operations with an intuitive admin panel. Additionally, I enhanced security and user convenience through features like Redux Persist, refresh tokens, and Firebase for Google authorization and storage.

## PROJECTS

**Join (Mobile Chat Application)**                                                    Link to Demo

Mobile app offering real-time chat and messaging, with a user-friendly password manager. Utilizes Firebase Firestore for data storage, Firebase Auth for authentication, and Firebase Cloud Database for messaging data. Includes an inbuilt password generator and utilizes Recycler View.

**Weather Application**                                                    Link to Demo

The Interactive Weather Application is a dynamic web platform providing real-time weather updates. It fetches accurate data from public weather APIs and displays it in an engaging UI. Users can customize their experience based on location, units, and display preferences. The application is responsive, ensuring a consistent experience across devices. It efficiently handles API calls using Axios for optimal performance..

## EDUCATION

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| 2023 - 2019 | Bachelor of Technology at | **Madan Mohan Malaviya University Of Technology** | (GPA: 7.41/10) |