

Parth Ratra

📞 7224064642 | ✉ ratraparth59@gmail.com | 🌐 Parth-Ratra | 🔗 LinkedIn | 📍 Jaipur, Rajasthan

EDUCATION

MANIPAL UNIVERSITY JAIPUR

B.Tech - Computer Science and Engineering

Nov. 2020 – Aug. 2024

CGPA-8.32/10

RAMSHREE INDIA INTERNATIONAL SCHOOL

X-85.2% | XII-86.8%

2018 – 2020

EXPERIENCE

WictroniX (Completion Certificate!)

React.js Developer

Vadodara, Gujarat

June 2023 - Aug. 2023

- Collaborated with a 5-member team, built achievement Portal for **SVNIT** College students to post their **startups, academics, hackathon, and placement accomplishments**
- Created a **wishlist and tagging system** that improved the efficiency of accomplishment retrieval by **30-40%**.
- Secured a **Next.js** application with encrypted data storage and robust user authentication, reducing unauthorized access attempts by 40%.
- **Tech Stack: Next.js, Node.js, Tailwind CSS, Express.js & MongoDB**

PROJECTS

Nomad Trakker

- Developed a responsive **Travel Advisor** web application.
- **Features: Filter for top Restaurants, hotels & attractions, customizable maps and autocomplete feature to find places, Add to Wishlist for future visit using Redux Toolkit, Secure login/signup, forgot/reset/change password using JWT token and Cookies ,Upload & Update Avatar, Real-Time Location Tracking.**
- Tools & Technologies used: JavaScript (React.js), Material UI, **Tailwind css, Node.js, Express.js**, Restful API, **Google Cloud Platform, MongoDB, Redux-toolkit,Cloudinary, Firebase,Render** **LIVE! DEMO!**

Sandese App

- Engineered a robust and reliable **Chat App** with real-time photo sharing and user-centered design.
- Tools & technologies used: HTML, CSS, JavaScript (React.js), Firebase
- **Features: Secure login/signup, forgot/reset password, cloud database, messaging, photo sharing.**
- Delivered fast and reliable messaging with **90-95%** accuracy through Sandese. **LIVE! DEMO!**

Camconnect

- Built a **Video Call** web app that empowered remote teams to collaborate more effectively..
- **Features:** Integrated screen sharing, chat section, and supported multiple participants, Customizable Layout
- **Tools:** React.js, vanilla CSS, **ZEGOCLOUD Platform**, Firebase **LIVE! DEMO!**

Rower

- Designed and Engineered a **Carpooling web application**.
- Developed and implemented a new feature to enable riders to publish rides on the app, reducing their cost of traveling by **60-70%**.
- Validation through Restful API of Drivers Aadhar card and Driving License results with an accuracy of **80-90%**
- Tools & Technologies used: HTML, CSS, JavaScript (React.js), **Firebase**, Restful API, **Google Cloud Platform**
- **Features: Login/Sign-up Authentication using Realtime database, Publish a Ride, Book a Ride, Calendar for scheduling rides, Authentication of Drivers using Restful API**

PROGRAMMING PROFILES

Geeks for Geeks : @parthratra59

Leetcode : @parthratra59

ACHIEVEMENT

- Leveraged **MUJ ACM** volunteer experience as **Deputy Marketing Head** to showcase ideas globally and foster meaningful interactions.
- Led C++ mentoring for **50+** students in MUJ ACM's Winter Mentorship, teaching core concepts and Data Structures.
- **More than 500 points** on geeksforgeeks.**College ranked under top 60 users**

SKILLS

- **Programming:** C/C++, Java, Data Structures & Algorithms, OOPS, JavaScript (React.js, Next.js), Redux, Node.js, Tailwind css, Material UI, MySQL, Restful Api, MongoDB, Express.js
- **Tools:** Firebase, VS Code, Figma, Git, GitHub, Git-Lab, AWS, MySQL, Firebase Real-time Database, AWS, Postman