PRATAP RATHI

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 PratapRathi | pratap-rathi | prataprathi97

Work Experience (2 Years Relevant)

SDE , Indian Air Force   Jan 18 – Current

As a Full Stack Developer at the Indian Air Force, I have leveraged my technical skills in **React.js**, **Next.js**, **Node.js** and **MongoDB** to design, develop, and maintain robust web applications. My responsibilities include:

- **Front-End Development**: Developed user-friendly interfaces with React.js and Next.js, ensuring optimal performance and responsiveness. Utilized modern CSS frameworks to create visually appealing layouts.
- **Back-End Development**: Engineered server-side logic using Node.js, implemented RESTful APIs, and managed MongoDB databases to ensure seamless data flow and storage.
- **UI Testing**: Conducted comprehensive UI testing using Java Selenium to ensure the delivery of high-quality, bug-free user interfaces.
- **End-to-End Development**: Integrated front-end and back-end components to deliver full-stack solutions, meeting project requirements and enhancing user experience.

My role at the Indian Air Force has not only allowed me to apply and enhance my technical skills but also instilled in me the discipline and rigor of working in a high-stakes environment. I am committed to continuous learning and always up for new challenges.

Personal Projects

Messenger – Real-time messaging app https://messenger-pratap.vercel.app
- Developed a Real-Time Messenger Clone using **Next.js**, **React**, **Tailwind**, **Prisma**, **MongoDB**, **NextAuth**, and **Pusher**. Key features include real-time messaging, message notifications, sleek UI design, responsiveness, authentication integration (**Google** and **GitHub**), file uploads, form validation, and more. Implemented server-side components for efficient data fetching and managed chat rooms and channels.

Airbnb - Clone https://airbnb-pratap.vercel.app/
- Created a Full Stack Airbnb Clone with **Next.js 14**, **React**, **Tailwind**, **Prisma**, **MongoDB**, and **NextAuth**. It features authentication, image upload, form validation, booking system, advanced search, favorites, shareable URL filters, and demonstrates server-side data fetching and error handling.

Skills

- **Programming:** JavaScript, TypeScript, Java.
- **Web Technologies:** HTML, CSS, Next.js, React.JS, Redux, Node.JS, Express, Socket.io, Bootstrap, Tailwind, Material UI.
- **Database and ORM:** MongoDB, PostgreSQL, Mongoose, Prisma.
- **Others :** Data Structures & Algorithms, Object Oriented Programming, REST APIs, DBMS, APIs, Git, GitHub, Selenium, TestNG.

Education

Himalayan Garhwal University, India   2019 - 2022
- BCA Computer Applications

D.N. Polytechnic, Meerut, India   2013 - 2016
- UP Technical Board (Diploma in Engineering)

Krishna Public School, Meerut, India   2011 - 2013
- CBSE (Class X)

Achievements and Awards

- Achieved **Rank- 39** in **UPTU** 2016 Exam.
- Participated in **UP State Volleyball Championship**.
- Completed Courses in **Computer Networks, Operating Systems, System Design, Data Structures** and **Algorithms.**