Rajat Nautiyal

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PROFESSIONAL SUMMARY

Motivated and skilled in MongoDB, Express.js, React.js, and Node.js. Seeking a role to apply my technical expertise, learn new technologies, and contribute to impactful projects.

TECHNICAL SKILLS

Languages: C, C++, Java, Javascript

Frameworks/Libraries: React.js, Express.js, Node.js, React Native, Next.js, Mongoose, TailwindCSS

Databases: MongoDB, MySQL, PostgreSQL

Tools: VS Code, Android Studio, Figma, GitHub, Vercel

Other skills: RESTful APIs, WebSockets, OOP, Git, Firebase, JWT, Appwrite, Jest, DSA

PROJECTS

Social Media Website

https://social-media-two-zeta.vercel.app   Source Code

- Built a fully functional social media platform using **MERN stack** and **TailwindCSS**.
- Implemented real-time chat using **WebSocket** and media streaming via **GridFS-stream**.
- Integrated features like image/video posts, likes, comments, and stories.
- Utilized **MongoDB Atlas** for database management and **JWT** for secure authentication.
- Reduced API calls by **30%** by implementing client-side caching
- Deployed frontend at **Vercel** and backend at **render** ensuring high availability and scalability

Chat Web-App

https://fir-chatapp-82a43.web.app   Source Code

- Developed a responsive, serverless chat application using **React.js** and **Firebase**.
- Enabled real-time messaging using **Firestore** and secure user authentication with **Firebase Auth**.
- Optimized site performance by reducing load time by **20%** through efficient state management using **Redux**

News Website

https://rajat-nautiyal.github.io/news_app   Source Code

- Created a responsive news website using **React.js** and a third-party API.
- Reduced API calls by 30% by implementing client-side data storage.
- Designed a clean and intuitive UI using CSS Flexbox and grid.

EDUCATION

Bachelor of Computer Application
Indira Gandhi National Open University | 2022 - Present

Senior Secondary School (XII)
Sarvodaya Bal Vidyalay | 2020 - 2021

CERTIFICATIONS

- **Complete Web Development Bootcamp -** Udemy
- **React (Basic) Certification -** HackerRank