

# Rajnish Sharma

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[GitHub](#)

## Summary

Software Engineer with strong expertise in C++, JavaScript, and TypeScript, experienced in building scalable backend systems and full-stack applications. Proficient in React, Node.js, Firebase, API development, and SQL/NosQL databases. Solid foundation in data structures, algorithms, and OOP, focused on writing clean, efficient, and maintainable code to deliver high-performance, user-centric solutions.

## Education

<b>Amity University Noida</b>	Dec 2023
<i>Masters In Computer Application</i>	U.P

## Experience

<b>CloudoXia Technologies LLP (Remote).</b>	July 2024 – Present
<i>Associate Engineer,</i>	Varanasi, U.P.
• Developed core logic components using C++ following Object-Oriented Design (OOD) principles.	
• Designed and integrated RESTful backend services using Node.js and Express.js.	
• Contributed to database schema design and query optimization using MongoDB and Firebase.	
• Implemented secure authentication and authorization using JWT and Firebase Auth.	
• Participated in Agile-based SDLC, code reviews, debugging, and cross-functional collaboration in a remote environment.	

## Projects

**Chattrix - Real-Time Chat Web App** | Next.js, Node.js, Express, MongoDB, Socket.IO, TypeScript,  
GIT: [FRONTEND, BACKEND](#)

Live App: <https://chattrix.in>

- Architected and developed a full-stack real-time chat platform supporting 1-to-1 and group messaging with live updates and presence tracking using Socket.IO.
- Designed scalable REST APIs for user management, authentication (JWT), and chat operations.
- Structured MongoDB schemas for efficient message storage and retrieval.
- Deployed and configured production-ready frontend and backend environments.

**NASA MISSION CONTROL** | Node.js, Express, React, Atlas

Git: [NMC Repo](#)

Live App: <https://nasa-mission-control-5f1r.onrender.com/>

A full-stack space exploration project using Node.js, Express, and React. It leverages the SpaceX API to manage mission launches, track upcoming and past missions, and showcase habitable planets all deployed via Docker on AWS EC2

## Technical Skills

**Languages:** C++, JavaScript, TypeScript

**Frontend:** React, Next.js, HTML, CSS, Tailwind

**CSS Backend :** Node.js, Express.js, REST APIs

**Databases :** MongoDB, MySQL, FireStore, Neo4j

**Auth :** JWT, OAuth

**Tools :** Git, Postman, Socket.IO

## Soft Skills

- Problem Solving , Time Management , Teamwork , Leadership skills , Adaptivity.