

Rajnish Sharma

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[GitHub](#)

Summary

Software Engineer with a strong foundation in C++, JavaScript, and TypeScript, experienced in building scalable backend systems and full-stack web applications. Skilled in React, Node.js, Firebase, API development, and database design (SQL/NoSQL). Solid understanding of data structures, algorithms, and object-oriented programming. Focused on writing clean, efficient, and maintainable code while delivering performance-driven and user-centric solutions.

Education

Amity University Noida

Masters In Computer Application

Dec 2023

U.P

Experience

CloudoXia Technologies LLP (Remote).

July 2024 – Present

Associate Engineer,

Varanasi, U.P.

- Developed and implemented core logic components using C++ following Object-Oriented Design (OOD) principles.
- Applied concepts such as encapsulation, inheritance, and polymorphism to design modular and maintainable code.
- Worked with memory handling concepts and optimized logic for performance efficiency.
- 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 work 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>

- Built a real-time chat application supporting 1-to-1 and group messaging.
- Implemented live message delivery, online/offline status, and real-time updates using Socket.IO
- Designed and integrated REST APIs for chats, users, and authentication
- Managed application state and UI updates for smooth real-time experience.
- Deployed frontend and backend with production-ready configuration.

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.