

# Ramandeep Singh

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4+ years of experience building scalable, real-time platforms using React, Next.js, Node.js, and WebSockets. Strong focus on performance, offline access, and modular architecture. Looking to join a fast-paced team where I can contribute to building user-first, highly interactive web apps.

## TECHNICAL SKILLS

Frontend: JavaScript, TypeScript, React, Next.js, Redux, Angular, SCSS HTML, CSS, Responsive Design

Database: MongoDB, MySQL, Firestore, IndexedDB

Others: REST APIs, WebSockets, Responsive Design

Backend: Node.js, Express.js, WebSockets, REST APIs

Cloud & Tools: AWS, Firebase, Git, GitHub

## PROFESSIONAL EXPERIENCE

### Skyfobs Nextgen Cloud Service — Software Engineer

SEPTEMBER 2024 – MAY 2025

- Led development of real-time chat and high-concurrency engagement platforms, handling 10,000+ concurrent users with <200ms latency.
- Integrated IndexedDB for offline-first data access, reducing API load by 35% and improving UX in flaky network environments.
- Developed a scalable real-time chat system using WebSockets; achieved seamless UX with instant delivery and read receipts.
- Built a modular codebase with reusable components, accelerating feature development cycles.

### VueData Technologies — Software Engineer

NOVEMBER 2021 – SEPTEMBER 2024

- Migrated major production app from React to Next.js, increasing load speed by 30% and improving SEO significantly.
- Built and maintained custom CMS dashboards, analytics panels, and UI components for diverse clients.
- Created backend APIs in Node.js and Express, collaborating across teams to ensure stability and scalability.
- Reviewed PRs and mentored juniors, maintaining high code quality and delivery consistency.

### VueData Technologies — Software Engineer Trainee

OCTOBER 2021 – NOVEMBER 2021

- Acquired proficiency in front-end technologies such as ReactJS and NextJS, as well as back-end technologies including NodeJS.
- Collaborated with the development team, actively participating in the design and implementation of software solutions.

## KEY PROJECTS

**Real-Time Chat Platform**: Led end-to-end dev of a chat app with WebSockets; enabled real-time delivery, typing indicators, and read receipts on mobile-first UI.

**High-Concurrency Engagement Platform**: Built a scalable client platform with IndexedDB and WebSockets, enabling seamless performance during live sessions with 10K+ users.

**Fitness Platform Migration**: Migrated a legacy React app to Next.js; boosted Lighthouse scores and added offline-first capabilities via IndexedDB.

**Dynamic CMS**: Developed a scalable Content Management System UI with an analytics-rich partner dashboard, enhancing

data insights and operational efficiency.

**Video Streaming Platform:** Created custom UI components and backend APIs in **Node.js**, improving the user experience and ensuring high performance.

**Recruitment Tracking System:** Delivered a full-stack solution with role-based access, streamlining recruiter operations with secure data flows and admin tools

## **EDUCATION**

Degree — *Bachelors in CSE* 2016 - 2020  
Chandigarh University.

High School — *CBSE* 2015 - 2016  
Govt. Model Sr. Sec. school.

## **INTERESTS**

Gaming, Football, Singing

## **LANGUAGES**

English, Hindi, Punjabi