

Priyanshu Shekhar Singh

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Education

Guru Gobind Singh Indraprastha University, New Delhi

Bachelor of Computer Applications (BCA)

Delhi, India

2023 – 2026 (3rd Year)

Experience

Fresher

Full-Stack Developer & Creator

Aug 2025 – Present

- Full-Stack Development: Building production-grade full-stack applications using React, Node.js, and MongoDB. Developing real-time web applications with WebRTC integration and Socket.io for state synchronization.
- Real-Time Technologies: Expertise in WebRTC for low-latency audio/video streaming, Socket.io for real-time data synchronization, and modern frontend frameworks for responsive UI/UX implementation.
- Project Development: Active contributor to collaborative web projects focusing on scalability, performance optimization, and user experience. Engaged in continuous learning and technical skill expansion.

Projects

- Audora — Music Streaming Platform (Nov 2025):** Full-stack music streaming platform enabling real-time collaborative listening and live jam sessions. Implemented WebRTC for low-latency audio streaming with Socket.io for state synchronization. Features include real-time jam rooms with 4-digit code access, shared queue management, host-controlled playback, and local MP3 import.

Repository: AUDORA

- VibeChat — Real-Time Chat Application (Sept 2025):** Secure real-time chat application built on MERN stack with direct messaging, image sharing, and GIF support. Implemented JWT authentication with httpOnly cookies for enhanced security. Engineered Socket.io integration for one-on-one real-time messaging with live online/offline presence indicators. Integrated client-side image compression with Cloudinary for optimized media handling. Features include theme toggle functionality and responsive UI across all device sizes.

Repository: VibeChat

Technical Skills

Languages: JavaScript, TypeScript

Developer Tools: Git, GitHub, Postman, VS Code, Cursor

Technologies/Frameworks: React.js, Next.js, Node.js, Express.js, MongoDB, Socket.io, WebRTC, Tailwind CSS, Framer Motion, Zustand, DaisyUI

Certifications & Achievements

- Smart India Hackathon:** Participant in state-level coding competition showcasing innovative problem-solving and collaborative development skills.
- Web Development Comprehensive Course:** Certificate by Hitesh Chaudhary — complete MERN stack fundamentals and best practices.

Availability

- Available for remote, on-site internship and developer roles. Open to technical interviews, coding assessments, and opportunities to contribute to real-world product development.