

# Priyanshu Shekhar Singh

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## Education

- **Guru Gobind Singh Indraprastha University, New Delhi** Delhi, India  
*Bachelor of Computer Applications (BCA)* 2023 – 2026 (3rd Year)

## 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, Clerk, Google OAuth

## 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: [github.com/Audora](https://github.com/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: [github.com/VibeChat](https://github.com/VibeChat)
- **Authentiscan — Certificate Verification & Issuance Platform (Sept 2025):** A Smart India Hackathon 2025 prototype featuring a modern certificate verification system with blockchain-powered authentication. Delivers instant verification in under 2 seconds to partner institutions. Features dual verification methods (ID-based and file upload), an intuitive multi-step certificate creation wizard, and a secure admin dashboard with real-time analytics for managing 50,000+ verified certificates.  
Repository: [github.com/Authentiscan](https://github.com/Authentiscan)

## Experience

- **Fresher**
- *Full-Stack Developer & Creator*
  - **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.

## 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.
- **Open Source Contributor:** Active contributor to open source projects on GitHub