Priyanshu Shekhar Singh

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Education

- **Guru Gobind Singh Indraprastha University, New Delhi**   Delhi, India
  Bachelor of Computer Applications (BCA) - 8.78 CGPA   *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, Google OAuth

Projects

- <u>Audora</u>—**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

- <u>VibeChat</u>— **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

- <u>Authentiscan</u> — **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

Experience

- **Freelance**
  Developer & Creator
  - **Full-Stack**: Designing and developing production ready full-stack web applications with a strong focus on clean, intuitive, and standalone UI. Specializing in React, Next.js, and TypeScript, with experience building fast, real-time, and scalable web solutions.
  - **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