

Priyanshu Shekhar Singh

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Summary

I figure things out by building them. Most of what I know came from picking a problem slightly above my skill level and not stopping until it shipped. Full-stack developer, open-source contributor, and I care way too much about how things feel to use.

Education

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

- **Audora** | *React, Typescript, Node.js, WebRTC, Socket.io, MongoDB* Nov 2025
 - Built a full-stack music streaming platform enabling real-time collaborative listening and live jam sessions.
 - Implemented WebRTC for low-latency audio streaming and Socket.io for real-time state synchronization.
 - Designed jam rooms with secure 4-digit access codes, shared queues, and host-controlled playback.
 - Added support for local MP3 imports to enhance personalized music experience.
 - **Repository:** github.com/priyanshuwq/AUDORA
- **VibeChat** | *Javascript, MongoDB, Express.js, React, Node.js, Socket.io, JWT* Sept 2025
 - Developed a secure real-time chat application with one-to-one messaging and media sharing.
 - Implemented JWT authentication using httpOnly cookies to enhance session security.
 - Integrated Socket.io for real-time communication with live online/offline presence indicators.
 - Optimized media handling using client-side image compression and Cloudinary integration.
 - **Repository:** github.com/priyanshuwq/VibeChat
- **Authentiscan** | *Next.js, React, Node.js, MongoDB* Sept 2025
 - Built a blockchain-powered certificate verification and issuance platform for Smart India Hackathon 2025.
 - Enabled instant certificate verification using ID-based and file-upload methods.
 - Designed a multi-step certificate creation workflow and secure admin dashboard.
 - Optimized system to manage and verify large-scale certificate data efficiently.
 - **Repository:** github.com/priyanshuwq/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