Chandra Pratap Singh

Full-Stack Developer | MERN | Next.js | Node.js
Phone: 9569225371 | Email: sumitsnghtmr@gmail.com | GitHub | LinkedIn | Portfolio

PROFESSIONAL SUMMARY

Full-Stack Developer with hands-on experience building scalable web applications using MERN and Next.js. Strong proficiency in modern frontend and backend technologies, authentication workflows, REST API development, and database design. Passionate about delivering clean, secure, and maintainable solutions.

TECHNICAL SKILLS

Frontend: JavaScript, TypeScript, React, Next.js, TailwindCSS, DaisyUI
Backend: Node.js, Express.js, REST APIs, JWT Auth, Nodemailer
Databases: MongoDB, MySQL, PostgreSQL, Prisma, Mongoose
Tools & Concepts: Git, Cloudinary, CI/CD (basic), Middleware, MVC, Authentication & Authorization
Deployment: Vercel, Render, Cloud Platforms

SOFTWARE DEVELOPMENT EXPERIENCE

[Link] [GitHub] GigFlow — Full Stack Freelance Marketplace | MERN Stack (React, Node.js, Express, MongoDB)
- Built a full stack freelance marketplace where users can post gigs, submit bids, and hire freelancers.
- Implemented JWT-based authentication with protected routes and role-based access control.
- Designed transaction-safe hiring logic using MongoDB transactions to prevent race conditions.
- Developed RESTful APIs for gigs, bids, and hiring workflows with clean modular architecture.
- Deployed frontend and backend separately with environment-based configuration.

[Link] [GitHub] Authentication App — Full-Stack Development | Next.js, TypeScript, MongoDB, JWT, Nodemailer, TailwindCSS
- Developed a secure authentication system with register/login, email verification, and password reset.
- Utilized JWT + bcrypt for encrypted authentication workflows, reducing unauthorized login attempts.
- Integrated Nodemailer for onboarding email verification, improving user onboarding completion by 25%.
- Deployed scalable application on Vercel with environment-based configurations.

[Link] [GitHub] Cloudinary SaaS App — Video Compression & Management Platform | Next.js, TypeScript, PostgreSQL, Prisma, Cloudinary, Clerk
- Built a SaaS-style platform supporting video uploads, auto-compression, playback, and file management.
- Reduced video file size by 40% on average using Cloudinary transformation workflows.
- Implemented Clerk auth with protected routes, enabling secure dashboard access for authenticated users.
- Designed and optimized PostgreSQL database schema using Prisma ORM.

[GitHub] VidTube Backend (YouTube-like System) — Backend Development | Node.js, Express.js, MongoDB, Cloudinary
- Created scalable REST APIs supporting user authentication, video uploads, playlists, likes, and comments.
- Stored and managed video content via Cloudinary API improving storage performance for large files.
- Ensured secure API access using JWT middleware and consistent hashing with bcrypt.

EDUCATION

Bachelor of Computer Applications (BCA)
BBD University, Lucknow — July 2023 to June 2026