

HIMANSHU PANDEY

Full Stack Developer | B.Tech Data Science (2024–28) | Open to SDE Internships
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EDUCATION

B.Tech in Data Science — Newton School of Technology, Rishihood University CGPA: 7.9 / 10 | 2024 – 2028
Class XII — Kendriya Vidyalaya Almora (87%) | Class X — Holy Angel Public School (90%) 2023 | 2021

TECHNICAL SKILLS

Languages	JavaScript (ES6+), TypeScript, Python, HTML5, CSS3
Frontend	React.js, Next.js, Tailwind CSS, Framer Motion, Vite, Bootstrap
Backend	Node.js, Express.js, FastAPI, RESTful APIs, WebSockets, Prisma ORM
Databases	MongoDB, PostgreSQL, MySQL, Redis
Tools	Git, GitHub, Vercel, Render, Postman, VS Code
Concepts	Data Structures & Algorithms, System Design, OAuth 2.0, JWT, Agile

PROJECTS

Second Brain — AI-Powered Knowledge Workspace

Nov 2025

Tech Stack: React, TypeScript, Node.js, Express, MongoDB, Tailwind CSS, JWT, Google OAuth 2.0, Zod, Vercel, Render

- Conceived and shipped a production-ready knowledge hub where users capture links, videos, docs, and notes — powered by **AI semantic search** and background ingestion pipelines for instant content summarization.
- Exposed 10+ RESTful API endpoints**; hardened the auth layer using **JWT + Google OAuth 2.0**, Zod schema validation, and bcrypt hashing — securing multi-user data at a production level.
- Launched frontend on Vercel and API server on Render; introduced **search fallback logic** that preserved 99%+ uptime and kept response times stable under concurrent read/write pressure.

SyncTalk — Real-Time Chat Platform

Apr 2025

Tech Stack: React, TypeScript, Node.js, Express, WebSockets, MongoDB, Cloudinary, Tailwind CSS, Vite

- Developed a multi-room WebSocket server** sustaining **100+ simultaneous connections** — complete with live typing indicators, message reactions, inline edits, and MongoDB-backed conversation history.
- Wired Cloudinary CDN** for media delivery and orchestrated the complete message lifecycle (compose, edit, delete, react), pairing it with **optimistic UI updates** that cut perceived latency below 100ms.
- Trimmed JavaScript payload by 30%** via Vite code-splitting and route-level lazy loading; crafted a fully responsive, component-driven UI and pushed it to Vercel.

ACHIEVEMENTS & CODING PROFILES

- LeetCode**: Tackled 78+ problems spanning arrays, linked lists, binary trees, graphs, dynamic programming, sliding window, and two pointers; competes in weekly contests to sharpen speed and pattern recognition.
- Portfolio**: Crafted a personal developer showcase at [himanshupandey.me](#) — a Next.js + Framer Motion site presenting live demos, in-depth case studies, and a fully responsive layout.
- DSA Practice**: Consistently refines solutions for optimal time and space complexity; applies algorithmic thinking — recursion, greedy, divide-and-conquer — to write clean, efficient code.