Dhananjay Sharma | Full Stack Developer

Kurukshetra, Haryana, India

+91 8307752316 | [Portfolio](#) | [LinkedIn](#) | [GitHub](#) | [Leetcode](#) | [Gmail](#)

EDUCATION

UIET, Kurukshetra University   **2022 – Current**
B.Tech. Computer Science - **CGPA - 7**   Kurukshetra, Haryana

SKILLS

Languages: JavaScript, TypeScript, C++, Python, Java
Technologies: React.js, Express.js, Node.js, Redis, Socket.io, Docker, Next.js, Svelte Kit, MongoDB, Git
Other: WebRTC, WebSockets, AI-Integration, REST APIs, Authentication, Encryption, Authorization

PROJECTS | EXPERIENCE

[Blitzit](#)   **March 2025 - April 2025**
Tech Stack: React.js, Node.js, Socket.io, Docker, Redis, WebRTC, MongoDB
- Programmed a **real-time collaborative cloud-based IDE** with **isolated Dockerized sandboxes**.
- Achieved <100ms sync latency using **WebRTC and Redis Pub/Sub** for real-time communication.
- Engineered a WebSocket backend with 30+ endpoints for **terminal**, **file I/O**, and **container handling**.
- Made a responsive UI with **tab-based editors** and terminal, emulating 90%+ of core IDE functionality.
- End-to-end development in a 2-person agile team.

[DrawBuddy](#)   **November 2024 - January 2025**
Tech Stack: React.js, Node.js, Socket.io, Canvas API, Konva.js, Redis
- Implemented a **real-time collaborative** whiteboard with drawing, erasing, and text tools.
- Enabled **infinite canvas, zoom** and **canvas teleportation** functionalities to enhance UX.
- Achieved **smooth rendering** at 60+ strokes/sec without performance degradation.
- Designed **session caching** and retrieval logic to support persistent whiteboard sessions.

[YouTube Clone](#)   **August 2024 - October 2024**
Tech Stack: Next.js, Node.js, TypeScript, MongoDB, Cloudinary, Shadcn UI
- Developed a **full-stack video-sharing platform** with authentication, comments, and subscriptions.
- Integrated **Cloudinary** for secure and efficient video uploads and delivery.
- Enhanced the responsive UI with **custom video player**, **dark/light themes**, and modular design.
- Used **MongoDB** for structured user data, video metadata, and comment management.

COURSEWORK

Data Structures & Algorithms · Operating Systems · OOP · DBMS · Computer Networks · Automata ·
Computer Architecture · Discrete Mathematics · Compiler Design · Linux · Design Analysis of Algorithms

ACHIEVEMENTS

- Made **1000+** contributions on GitHub
- Solved **650+ DSA** questions on platforms like Leetcode
- Worked on **20+** development projects
- JEE Main 2022 score: **93.2172822%ile**