JATIN SHARMA

jatin2026.be23@chitkara.edu.in | +91-8284941698 | **LEETCODE** | **LINKED-IN** | **GITHUB** | **Portfolio**

Education

Chitkara University, Punjab   **Expected 2027**
- B.E in Computer Science | CGPA (Till Date): **8.89**

GMSSS-46D, Chandigarh   **2022 - 2023**
- *12th Non-Medical, Percentage: 67%*

St. Xavier's, India   **2020 - 2021**
- *10th ICSE, Percentage: 75%*

Skills

Programming Languages: Java, C, C++, Python, JavaScript**,** Solidity, Blockchain

Web Development: MERN Stack (MongoDB, Express.js, React.js, Node.js), Next.js, HTML, CSS

Data & Libraries: NumPy, Pandas

Computer Fundamentals: Data Structures & Algorithms (DSA), Object-Oriented Programming (OOPs), Computer Networking, Operating Systems (OS), Database Management Systems (DBMS)

Projects

SkillSync   **Jan'11**
A platform that helps users bridge skill gaps by analyzing resumes, comparing skills with job requirements, and providing a personalized learning roadmap.
Github

- **Key Features**
  - Resume Upload & Skill Extraction (PDF/Text)
  - Skill Gap Analysis & Job Match Percentage Calculation
  - Personalized Roadmap with Course Recommendations & Learning Timeline
- **Tech Stack:** Next.js, Tailwind CSS, Node.js, Express.js, Multer, pdf-parse
- **API Endpoints:** Resume processing, skill extraction, job role selection, gap analysis, and roadmap generation

MedNexus   **Feb'19**
A space-themed Web3-integrated platform providing AI driven disease prediction and emergency medical response. **Github**

- **Key Features:**
  - **Emergency Medical Response:** Real-time tracking & distress alerts.
  - **AI Disease Prediction:** Symptom-based analysis with actionable insights.
  - **AI Chatbot for First Aid:** Instant medical guidance.
  - **Live Tracking & Hospital Finder:** OpenStreetMap integration for nearby hospitals.
- **Tech Stack:** React.js, TailwindCSS, Framer Motion, Node.js, MongoDB Atlas, OpenStreetMap API, DeepSeek AI (via Ollama API)
- **Future Enhancements:** AI-powered medical image analysis, NLP-based doctor consultation, mobile app integration

Grainlyy   **May'15**
Grainlyy is a blockchain-based system designed to make government ration delivery systems transparent, tamper-proof, and publicly verifiable.
Github

- **Key Features:**
    - Immutable delivery records stored on blockchain
    - Real-time Location verification of delivery locations
    - Trust score system for dealers
    - Multiple dashboards for different stakeholders
    - No mobile app required - works directly in web browsers
    - Complaint management system for beneficiaries
- **Tech Stack:** Next.js, Express.js, Node.js, Blockchain, Solidity, Ethereum.

Academic and Extracurricular Achievements

- **Completed 300+ DSA questions** on LeetCode
- **Published 11+ Research Papers**, with 6 more under review
- **Worked on multiple projects**, including a **Chat App, Task Manager, and Health & Fitness Platform, Chat-Platform**

Positions of Responsibility

Member – Open Source Chandigarh (OSC) | Programming & DSA Team
- Contribute to solving DSA problems and mentor peers in coding discussions
- Participate in **community projects** and open-source contributions