

JATIN SHARMA

jatin2026.be23@chitkara.edu.in | +91-8284941698 | [LEETCODE](#) | [LINKED-IN](#) | [GITHUB](#) | [Portfolio](#)

Education

Chitkara University, Punjab

- B.E in Computer Science | CGPA (Till Date): **8.89**

Expected 2027

GMSSS-46D, Chandigarh

- 12th Non-Medical, Percentage: 67%

2022 - 2023

St. Xavier's, India

- 10th ICSE, Percentage: 75%

2020 - 2021

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

Grainlly

May'15

Grainlly 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 350+ 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