

Pranshu Chauhan

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SKILLS

Languages:	C, C++, Java, JavaScript, TypeScript, PHP
Technologies & Frameworks:	HTML, CSS, React.js, Next.js, Node.js, Express.js, Socket.io, Tailwind CSS, Bootstrap
Developer Tools:	Git, GitHub, VS Code, Figma, Cursor
Database & Services:	MongoDB, MySQL, PostgreSQL, Docker, Postman
Relative Coursework:	Data Structures and Algorithms (C++), Object-Oriented Programming, Database Management Systems (DBMS), Computer Networks, Operating Systems
Soft Skills:	Problem-Solving, Team Collaboration, Leadership, Adaptability

PROJECTS

CampusSync – Smart Campus Utility Platform | [GitHub](#) | [Live](#) Dec' 25 - Feb' 26

- Developed a full-stack campus platform integrating Lost & Found, Marketplace, and AI-powered exam notes generation with authentication and dashboards.
- Implemented an AI-based notes generation system with diagrams, charts, revision modes, and credit-based usage integrated with Stripe payments.
- Built a responsive UI using React and Tailwind and developed scalable backend APIs using Node.js, Express, and MongoDB.

Tech Stack: React.js, Express.js, MongoDB, Socket.io, Redux Toolkit, Tailwind CSS, Stripe, Firebase

SnapCart — Real-Time Grocery Delivery Platform | [GitHub](#) Oct' 25 - Nov' 25

- Engineered a full-stack grocery delivery system featuring multi-role authentication, cart management, and secure Stripe payment processing.
- Integrated real-time order tracking and delivery assignment using Socket.io with live geolocation visualization via Leaflet maps.
- Architected scalable APIs and role-based dashboards using Next.js, TypeScript, Node.js, and MongoDB.

Tech Stack: Next.js, TypeScript, React.js, Node.js, MongoDB, Redux Toolkit, Socket.io, NextAuth.js, Stripe, Cloudinary, Leaflet, Tailwind CSS

SmartAgro AI — Intelligent Farming Platform | [GitHub](#) | [Live](#) Aug' 25 – Sept' 25

- Created an AI-driven agriculture platform delivering plant disease detection, pest forecasting, soil analysis, and irrigation recommendations via Gemini and ML APIs.
- Designed data-rich dashboards with weather forecasting, NDVI vegetation insights, and exportable AI reports to assist precision farming decisions.
- Established a secure MERN backend with JWT authentication and scalable report management.

Tech Stack: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Gemini API, OpenWeather API, JWT

TRAINING

LPU – Data Structures and Algorithms using C++ | [Link](#) Jun' 25 – Jul' 25

- Completed a skill development course on core data structures including arrays, linked lists, stacks, queues, trees, and graphs using C++.
- Applied these concepts through hands-on C++ coding exercises and mini-projects, improved the ability to write optimized, structured, and efficient programs.

Tech Stack: C++, Data Structures, Algorithms

CERTIFICATES

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| • Cloud Computing NPTEL Link | May' 25 |
| • Data Structures and Algorithms using C++ Merit Link | Apr' 25 |
| • Introduction to Hardware and Operating Systems IBM Link | Mar' 24 |

ACHIEVEMENTS

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- Solved **650+** problems on **LeetCode** with a **180+** day streak, demonstrating strong problem-solving and algorithmic skills. Jan' 26
 - Solved **150+** problems on **GeeksforGeeks**, strengthening concepts in data structures and algorithms. Jan' 26

EDUCATION

Lovely Professional University Phagwara, Punjab
Bachelor of Technology in Computer Science and Engineering - CGPA: 8.09 Aug' 23 – Present

Subhash Academy Chhibramau Kannauj Chhibramau, Uttar Pradesh
Intermediate; Percentage; 66.6% Apr' 22 – Mar' 23

Subhash Academy Chhibramau Kannauj Chhibramau, Uttar Pradesh
Matriculation; Percentage; 62.67% Apr' 20 – Mar' 21