

Arpit Chhabra

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EDUCATION

Indian Institute of Information Technology, Una	2023 – Present
<i>B.Tech – Information Technology</i>	<i>CGPA: 8.17</i>
CBSE Board	2022
<i>Senior Secondary Examination</i>	<i>Score: 83.4%</i>

PROJECTS

SkillForge AI – MERN-Based AI Interview Practice Platform	Sept 2025 – Nov 2025
<i>Tech: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Gemini API, JWT Auth, Axios, Vite</i>	
<ul style="list-style-type: none">Built an advanced AI-driven interview prep platform that generates 20+ role-based questions, answers, and in-depth explanations using the Gemini API for highly personalized learning.Implemented secure JWT auth with modular controllers and optimized MongoDB models for session handling.Developed a responsive React+Tailwind UI with dashboards, forms, and Q&A cards for smoother UX.Created a streamlined session workflow enabling pinned questions, AI explanations, and persistent storage.	
StreamSphere Backend API – Scalable Video Streaming Platform	May 2025 – Aug 2025
<i>Tech: Node.js, Express.js, MongoDB, Mongoose, JWT Auth, Multer, Cloudinary, CORS</i>	
<ul style="list-style-type: none">Built a high-performance, feature-rich backend API powering advanced video uploads, playlists, tweets, comments, subscriptions, and channel dashboards across 10+ modules.Implemented JWT Auth with bcrypt security, boosting authentication reliability and session safety by 40%.Modernised MongoDB pipelines to handle 1K+ video/like/comment ops with efficient modular controllers.Integrated Multer + Cloudinary for fast media workflows, reducing upload and processing time by 30%.	

TECHNICAL SKILLS

- Programming Languages:** C, C++, Python, JavaScript (ES6+), HTML5, CSS3
- Frameworks and Libraries:** React.js, Node.js, Express.js, Tailwind CSS, RESTful APIs
- Databases and Tools:** MongoDB, SQL, Postman, Cloudinary, Clerk (Authentication), JWT, Stripe
- Development Tools and Environments:** Git, GitHub, VS Code, Jupyter Notebook, Linux, Docker (Basics), Figma
- Core CS Concepts:** DSA, OOP, DBMS, OS, CN, SDLC
- Platforms and Hardware:** Linux, Arduino

LEADERSHIP & RESPONSIBILITIES

Career Development Cell (CDC), IIIT Una — Student Volunteer

- Facilitated **placement & internship operations** by managing **on-ground execution** of corporate sessions.
- Streamlined **recruiter communication** and follow-ups with **industry professionals** for seamless hiring drives.

ACHIEVEMENTS

- Semi-Finalist – National Road Safety Hackathon (Ministry of Road Transport & Highways):** Ranked in **Top 50 out of 5000+ teams**, developing an innovative engineering-based road safety solution.
- Adobe Hackathon – Round 2 Qualifier:** Achieved **Top 4000 out of 260,000 participants** by designing advanced PDF solutions for heading detection and persona-driven extraction & analysis.
- DSA Practice:** Solved **300+** algorithmic questions on LeetCode, GeeksforGeeks, and CodeNinjas, focusing on arrays, trees, graphs, dynamic programming, and time-space optimization.