

# Arpit Chhabra

+91-7976046473 | arpitchhabra9692@gmail.com | LinkedIn | GitHub

## EDUCATION

**Indian Institute of Information Technology, Una**

2023 – Present

*B.Tech – Information Technology CGPA: 8.17*

**CBSE Board**

2022

*Senior Secondary Examination Score: 83.4%*

## PROJECTS

**LiveLingo – Real-Time Language Exchange Platform**

Jan 2026 – Present

*Tech: React.js, Node.js, Express.js, MongoDB, Stream Chat & Video SDK, Tailwind CSS, JWT, Zustand, TanStack Query*

- Built a **real-time language exchange platform** supporting **one-to-one and group chat & video calls** with typing indicators, reactions, threads, online presence, and media sharing.
- Implemented secure **JWT-based authentication** with protected routes and enforced onboarding flow.
- Integrated **Stream Chat & Video SDKs** to deliver low-latency, scalable real-time communication.
- Developed a responsive **React + Tailwind UI** with **32 theme variants** using Zustand and TanStack Query.

**SkillForge AI – MERN-Based AI Interview Practice Platform**

Sept 2025 – Nov 2025

*Tech: React.js, Node.js, Express.js, MongoDB, Tailwind CSS, Gemini API, JWT Auth, Axios, Vite*

- 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

*Tech: Node.js, Express.js, MongoDB, Mongoose, JWT Auth, Multer, Cloudinary, CORS*

- 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, JWT, Stripe
- **Development Tools and Environments:** Git, GitHub, VS Code, Jupyter Notebook, Linux, Docker, Figma
- **Core CS Concepts:** DSA, OOP, DBMS, OS, CN, SDLC

## 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.