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

- Designed 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 for **1000+ users**.
- Revitalized 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

- Composed a **high-performance, feature-rich backend API** powering advanced video uploads, playlists, tweets, comments, subscriptions, and channel dashboards across **10+ modules**.
- Simplified **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.