

Dhruv Agarwal

Full-stack Developer

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Education

Lovely Professional University

2023 – 2027

B-Tech in Computer Science and Engineering

- CGPA: **7.64/10**
- Courses: **Data Structure and Algorithm , Database Management System , Operating Systems**

Technical Skills

Languages: Python, Java, C, C++, JavaScript

Backend: Node.js, Express.js, RESTful APIs, JWT, Bcrypt

Frontend: React, Tailwind CSS, HTML, CSS

Databases: MongoDB, MySQL

Deployment: Google cloud , azure

Tools & DevOps: Git, GitHub, Postman, Cloudinary, Dotenv, Nodemon

Soft Skills: Time Management, Problem-Solving, Leadership, Documentation, Engaging Presentation

Projects

Taptik – Real-Time Chat App (MERN + Socket.io)

[Github-link](#) [Live](#)

- Built a full-stack messaging platform with authentication, live messaging, and online status using WebSockets.
- Implemented encrypted private chats, REST APIs, JWT auth, and MongoDB for real-time scalability.
- Tools Used: React, Tailwind CSS, Node.js, Express.js, MongoDB, Socket.io, JWT, Cloudinary

Animatrix – Animated Landing Page (React, Tailwind, GSAP)

[Github-link](#) [Live](#)

- Designed a responsive animated UI inspired by Zentry using GSAP and scroll-based animations.
- Focused on clean component architecture and mobile responsiveness.
- Tools Used: React, Vite, Tailwind CSS, GSAP, Framer Motion, React Icons

Vidaxa – Video Sharing Platform Backend

[Github-link](#)

- Developed a robust backend system supporting video streaming platform features like user authentication, video management, playlists, comments, and community posts.
- Designed and implemented secure RESTful APIs with role-based access, JWT auth, and modular MongoDB data models for users, videos, and interactions.
- Tools Used: Node.js, Express.js, MongoDB, Mongoose, JWT, Bcrypt, Dotenv, Nodemon, Postman

Achievement/Certificates

- Solved **550+ problems** on **LeetCode** with a **490-day daily** streak, demonstrating strong **consistency** and dedication to **problem-solving**.
- Completed the **Fundamentals of Network Communication** certification by the **University of Colorado System**, issued in Sep 2024.
- Participated in the **Bring AI to Work workshop** conducted by **Google**, issued in Jun 2025.
- Participated in **university-level hackathons** including Build-a-Thon by Apna College (LPU) and Code-A-Haunt by Coding Blocks.