

Anjul Chauhan

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Summary

Results-driven Computer Science graduate with hands-on experience in full-stack development, AI/ML implementation, and cloud technologies. Demonstrated expertise in building scalable web applications using Python, JavaScript, and modern frameworks including Flask and RESTful APIs. Strong problem-solving skills with proven ability to create user-centric applications. Solid foundation in data structures, algorithms, database management, and responsive web design with a passion for learning emerging technologies.

Education

Chandigarh University , Bachelor of Engineering - Computer Science and Engineering – Mohali, India	2021 – 2025
• CGPA: 7.15/10.0 (71.5%)	
• Relevant Coursework: Data Structures & Algorithms, Object Oriented Programming, Database Management Systems, Operating Systems, Computer Networking, Cloud Computing	
Mount Litera Zee School , Intermediate – Haridwar, India	2020 – 2021
Mount Litera Zee School , Matriculation – Haridwar, India	2018 – 2019

Projects

Livestream Video Application with Overlay Management (GitHub)

- Developed a full-stack application for playing RTSP livestreams with real-time overlay customization using Python Flask, React, and MongoDB
- Implemented CRUD API endpoints for managing custom overlays including position, size, and content with persistent database storage
- Built responsive frontend interface enabling users to add, edit, resize, and delete custom overlays (logos, text) on top of livestream videos
- Integrated RTSP video streaming player with playback controls including play, pause, and volume adjustment

Manoi - Educational Platform (GitHub) (Live)

- Developed a full-stack educational platform prototype using HTML and Tailwind CSS for modern, responsive design
- Implemented user authentication system and course management module with focus on scalability
- Built responsive UI components ensuring seamless user experience across desktop and mobile devices
- Designed architecture with consideration for future cloud deployment and feature expansion
- Deployed frontend to Netlify with automated CI/CD pipeline integration

ChatGPT Clone (GitHub)

- Built conversational AI application integrating OpenAI API with Flask backend and MongoDB database
- Developed RESTful API endpoints for chat functionality with persistent conversation storage and retrieval
- Implemented responsive frontend using HTML and Tailwind CSS for seamless user interaction
- Designed database schema for efficient storage and management of conversation history

Real Estate Website

- Designed and developed responsive real estate platform using HTML, CSS, JavaScript, and Bootstrap framework
- Implemented advanced search and filtering system enabling property discovery by multiple criteria
- Integrated interactive mapping functionality for geographical visualization of property locations
- Created dynamic user interface with focus on usability and intuitive navigation

Technical Skills

Programming Languages: Python, Java, JavaScript, SQL, HTML, CSS, PHP

Web Technologies & Frameworks: Flask, React, HTML5, CSS3, Tailwind CSS, Bootstrap, RESTful APIs

Databases: MongoDB, MySQL

AI/ML & Tools: Machine Learning, OpenAI API, Jupyter Notebook, Video Streaming (RTSP)

Cloud & DevOps: AWS, Netlify, Git/GitHub, Docker, Version Control

Core Competencies: Full-Stack Development, API Integration, User Authentication, Problem Solving, Algorithm Design, Database Design

Certifications

- **IBM Full Stack Software Developer** – Coursera
- **HTML, CSS, and JavaScript for Web Developers** – Coursera
- **Web Development** – Bharat Intern
- **Internet Of Things (Elite Badge)** – IIT Kharagpur
- **Discrete Mathematics** – IIT Ropar

Additional Information

Soft Skills: Problem Solving, Critical Thinking, Teamwork, Time Management, Attention to Detail, Communication

Co-Curricular Activities: Active participant in Art and Event Club CSE at Chandigarh University, winner in semi-classical & freestyle dance competitions, multiple awards in drawing, painting and craft competitions

Interests: Painting, Dancing, Traveling, Technology Innovation, Open Source Contribution, Web Development