

# Anjul Chauhan

Full Stack Developer | Backend Developer

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github.com/anjulchauhan24 | anjulportfolio.netlify.app

## Technical Skills

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**Languages:** Python, Java, JavaScript, SQL, PHP

**Frontend:** React, HTML5, CSS3, Tailwind CSS

**Backend:** FastAPI, Flask, RESTful API Development, JWT Authentication

**Databases:** MongoDB, MySQL

**Tools:** Git, GitHub, Postman, Netlify

**Concepts:** API Design, Database Schema Design, Responsive Design, Version Control

## Work Experience

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**GenAI & Backend Software Intern** – CybHop Tech LLP

Aug 2025 – Present

- Developed backend modules for an AI-powered education platform using FastAPI and MongoDB, implementing JWT authentication, role-based access control, and secure password hashing (PBKDF2-SHA256)
- Integrated Google Gemini API to classify users into personalized learning profiles based on survey responses with retry handling for API rate limits
- Built RESTful APIs for survey management including question CRUD operations, response submission, and admin-protected endpoints
- Implemented Pydantic validation and structured error handling to improve API reliability and maintainability

## Project Work

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**Real-Time Livestream Platform with Overlay Engine** (GitHub) *Flask, React, MongoDB*

- Built a full-stack livestream platform supporting RTSP, HLS, HTTP, and YouTube streams with real-time playback controls
- Developed a drag-and-drop overlay system allowing dynamic positioning and styling of text and image overlays stored in MongoDB
- Designed Flask REST APIs for stream and overlay configuration with input validation and structured error handling

**Manoi – Educational Platform** (GitHub) (Live)

*React, Tailwind CSS, JWT*

- Developed a full-stack learning platform with JWT-based authentication and role-based access control
- Implemented course progress tracking and user dashboards for structured learning management
- Built a responsive UI using React and Tailwind CSS and deployed the application on Netlify

## Education

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**Chandigarh University** – Mohali, India

2021 – 2025

- Bachelor of Engineering, Computer Science and Engineering

CGPA: 7.15 / 10

**Mount Litera Zee School** – Haridwar, India

2018 – 2021

- Intermediate & Matriculation

## Certifications

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