

Anshul Yadav

LinkedIn | GitHub
ay839990@gmail.com

EDUCATION

SRM KTR CHENNAI MASTERS IN COMPUTER

APPLICATION

2023-2025 | Chennai
CGPA: 9.5

BUNDELKHAND UNIVERSITY

2020-2023 | Jhansi
CGPA: 8

MAHATMA HANSRAJ MODERN SCHOOL

12th CBSE 2020 | Jhansi
Percentage: 82

RLPS

10th ICSE 2018 | Jhansi
Percentage: 89

CODING PROFILES

LeetCode:// Anshul00ydv
GeeksforGeeks:// Anshuydv

COURSEWORK

Data Structures and Algorithms
Operating Systems
Database Management System
Object-Oriented Programming Systems
Machine Learning
Python Programming
Computer Architecture and Organisation
Java Programming

SKILLS

PROGRAMMING

Languages

Java • Python • Javascript • PHP • SQL

Frameworks:

React • Express • NextJS • ReactNative •
Langchain • HuggingFace • Llama 2

Database and other tools:

MongoDB • PostgreSQL • MySQL • Git
• NodeJS • OpenCV • Redux

ACCOMPLISHMENTS

- Winner at Model United Nations
- Completed 'O' Level from **National Institute of Electronics & Information Technology, Delhi**
- Solved 200+ DSA problems.

EXPERIENCE

FREELANCING | SCHOOL E-LEARNING PLATFORM SOURCE CODE

- Developed an **E-learning platform** for grades 9-12, focused on JEE and NEET preparation, in collaboration with a team of 3.
- Built with **PHP, MySQL, Ajax, Apache, Bootstrap**, and **jQuery**, providing dynamic content delivery and practice tests.
- **Deployed on Mahatma Hansraj School's local servers** in Jhansi, supporting over 500 active users.
- Optimized user experience with **real-time updates** and seamless navigation for efficient learning.

PROJECTS

LIVE CROWD MONITORING SYSTEM (LCMS) | AI/ML SOURCE CODE

- Built a real-time crowd detection system using **YOLOv5** and **OpenCV** for gym crowd density analysis.
- **Roboflow** for building, managing, and deploying computer vision data sets and models.
- Integrated into a fitness website built using **ReactJS, MongoDB, NodeJS** and **ExpressJS** enabling live updates on crowd levels.
- Enhanced user experience by providing **real-time data** to optimize the planning of gym visits.

AI POWERED MULTI-PDF CHATBOT | GEN AI SOURCE CODE

- This AI-powered web application allows users to upload and interact with multiple PDF documents for real-time, AI-driven QA.
- Built using **Streamlit** for the frontend, **Google Gemini Pro** for AI-powered responses, and **LangChain** for natural language processing.
- Utilizes **FAISS** for efficient similarity search and **PyPDF2** for seamless text extraction from uploaded PDFs, ensuring accurate and fast document analysis.
- Enhanced user experience with a responsive interface, enabling users to query multiple documents simultaneously and receive instant, context-aware answers.

AIRBNB - APP | BOOKING APPLICATION SOURCE CODE

- This web application allows users to browse, book, and list properties for short-term rentals.
- Built using the **MERN stack** (MongoDB, Express.js, React.js, Node.js) with a responsive interface styled using **Tailwind CSS** and **Shadcn**.
- Robust user authentication systems designed that utilize **JWT** and **Gmail integration** via **Google Cloud**, enhancing security protocols and ensuring uptime over 99.9% for seamless access during peak usage periods.