Anshul Yadav

LinkedIn | GitHub | Portfolio
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EDUCATION

SRM KTR CHENNAI
Masters in Computer Application
2024-2026 | Chennai
CGPA: 9.6

BUNDELKHAND UNIVERSITY
Bachelor's Degree
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 • C/C++• Python • Javascript •PHP
Frameworks:
React • Express • NextJS • ReactNative • Langchain •HuggingFace •Llama 2
Database and other tools:
MongoDB • PostgreSQL •MySQL • Git •NodeJS •OpenCV•Docker•Redux

ACCOMPLISHMENTS

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

EXPERIENCE

FULL STACK DEVELOPER | E-LEARNING PLATFORM
SOURCE CODE

- Worked as a **freelance** Full Stack Developer and contributed to the development of an **E-learning platform** for grades 9-12, focused on JEE and NEET preparation, in collaboration with a 3-member team.
- Engineered the platform using **PHP, MySQL, Ajax, Apache, Bootstrap,** and **jQuery**, ensuring dynamic content delivery, interactive practice tests, and a responsive user interface.
- Successfully implemented the platform on the local servers of Mahatma Hansraj School in Jhansi, scaling to support more than 500 active users with consistent performance.
- 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.
- Utilized **Roboflow** for streamlined dataset management, model training, and deployment of computer vision solutions, improving system performance and scalability.
- Seamlessly integrated the AI-powered system into a fitness website developed with **React**, **MongoDB**, **Node**, and **Express**, providing live updates at the user level.
- Enhanced user experience by providing **real-time data** to optimize the planning of gym visits and to ensure overall safety of the crowd by sending alert messages in real time.

AI POWERED MULTI-PDF CHATBOT | Generative AI
SOURCE CODE

- This AI-powered web application allows users to upload and interact with multiple PDF documents for real-time, AI-driven Q&A.
- 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 that allows users to query multiple documents simultaneously and receive instant, context-based answers.

AIRBNB - APP | BOOKING APPLICAITON
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 the **JWT** and **Gmail integration** via **Google Cloud**, enhancing security protocols and ensuring uptime over 99. 9% for seamless access during peak usage periods.