

ANURAG YADAV

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🐙 github.com/Anuragyadav1 🌐 my-personal-portfolio.com

Education

Indian Institute of Information Technology Sri City

*B.Tech in Computer Science and Engineering ; **Current CGPA: 7***

Chittoor, Andhra Pradesh

Dec 2021 - Present

Saraswati Vidya Mandir Sr. Sec. School, Sultanpur

*CBSE (Class: 12th); **Percentage: 90.2***

Uttar Pradesh, India

Mar 2018 - Jul 2019

Experience

Edunet Foundation

AI & Cloud Computing Intern

July 2024 - August 2024

- Developed a machine learning model to predict used car resale values with 92% accuracy, processing 8,000+ records while handling missing data using median/mode imputation and encoding categorical variables.
- Implemented feature scaling (StandardScaler) and trained a Random Forest Regressor, reducing prediction error by 18%.
- Built a Streamlit web app with an interactive UI, enabling real-time car price estimation for users.

Projects

QuickBite 🍷 🚀 | **React, Node.js, Express.js, MongoDB, Stripe, Cloudinary**

Aug 2024 - Sep 2024

- Developed a full-stack food delivery platform using the MERN stack, featuring a responsive user interface and an admin dashboard to manage products, orders, and user data efficiently.
- Designed and implemented secure RESTful APIs for CRUD operations, real-time order tracking, and backend communication, ensuring scalability and performance.
- Integrated Stripe for seamless online payments, Cloudinary for image uploads, and implemented JWT-based authentication with role-based access control to enhance security and user experience across devices.

InstaTalk 🍷 🚀 | **Socket.IO, MongoDB, Node.js, React, Zustand, Express.js**

Oct 2024 - Nov 2024

- Built a real-time chat platform using Socket.IO to enable instant messaging, online user tracking, and dynamic event handling for enhanced user interactivity.
- Implemented secure JWT-based authentication and session management, with structured error handling to ensure reliability and data protection across all interactions.
- Designed a modern, fully responsive chat interface using Tailwind CSS and DaisyUI, and managed global state efficiently with Zustand for seamless UX across devices.

PDFChat AI – Multi-Doc Chat Tool 🍷 | **Python, LangChain, Gemini, FAISS, Streamlit**

Jan 25 - Feb 25

- Developed an end-to-end application using Google Gemini Pro and LangChain to enable users to upload and chat with multiple PDFs, extracting precise answers via natural language queries.
- Implemented vector embeddings using FAISS for efficient semantic search, converting PDF text into embeddings for accurate retrieval and response generation.
- Designed an interactive UI with Streamlit, allowing seamless PDF uploads, processing, and real-time QA functionality.
- Leveraged text chunking, embeddings, and conversational chains to enhance document comprehension and automate responses.

Technical Skills

Languages: C/C++, SQL, JavaScript, Java, Python, HTML

Frameworks: ReactJS, EJS (Template engine) NodeJS, ExpressJS, Material-UI, Tailwind CSS

Databases: MySQL, MongoDB

Developer Tools: Git, VS Code, Visual Studio, GCP, IntelliJ, Eclipse

Libraries: React-Redux, pandas, NumPy

Extracurricular Activities

- **Volunteering Intern:** Successfully interned at Kshitiksha Foundation, contributing to initiatives in Humanity, Environment, Education Empowerment, Women Safety, Mental Health, and Animal Welfare. Praised as a team player and recommended as an asset to any organization. Internship performance was graded 'S' (Superior).