ADI JAIN

PERSONAL DETAILS

Mailing Address:
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GitHub: Adi15Jain
Portfolio: Adi-Jain-Portfolio

EDUCATION

Bachelor of Technology in Computer Science Engineering   August 2022 – Present
Specialization in Artificial Intelligence, Machine Learning, and Deep Learning.   *Teerthanker Mahaveer University*
Moradabad, India
GPA: 8.52 / 10.00 (Current)

Senior High School   April 2018 – July 2022
Sciences (Physics, Chemistry, Mathematics)   *St. John's Senior Secondary School*
Meerut, India
CGPA: 8.2 / 10

PROGRAMMING EXPERIENCE AND TOOLS USED

Programming Languages:
Python, JavaScript (ES6+), C++

Database Management Systems:
SQL (MySQL, PostgreSQL), SQLite, MongoDB (basic)

Web Development Skills:
HTML, CSS, JavaScript, ReactJS, NextJS, NodeJS, ThreeJS, Flask, FastAPI, RestAPIs,
TailwindCSS, AntDesign

Artificial Intelligence and LLMs:
LangChain, CrewAI, LiteLLM, GroqAI, Hugging Face Transformers, RAG pipelines

Machine Learning:
Classification, Regression, Clustering, Gradient Boosting (XGBoost, LightGBM),
Scikit-learn, NLTK, Pandas, NumPy

Data Processing and Analysis:
Data cleaning, text preprocessing, feature engineering, EDA, Git, GitHub, Jupyter Notebooks

Cloud and Deployment:
Vercel, Render, GitHub Actions, Environment Variable Management

Dev Tools and Libraries:
Vite, Figma, VS Code, Postman, Perplexity, ChatGPT, Groq, Canva

Selected Projects

Some of my projects are publicly available on **GitHub.** You can also click here to see my **Portfolio.**

Exyst - Examination Analyst (In Progress) | *Python — LLM Pipelines — NextJS*   August 2025
- LLM tool that generates clean, formatted exam papers from JSON, with sections and difficulty tags.
- Built a modular frontend and API for reliable, fast question paper creation.

PneumoAI - Detect Pneumonia using AI | *Python — FastAPI — ReactJS*   June 2025
- Detect Pneumonia from Chest X-Ray Images.
- Used Convolutional Neural Networks (CNN) and FastAPI for Web Integration using Vite and React.

Sentysis - Twitter Sentiment Analysis | *Python — NLP — FastAPI*   August 2024
- Leveraging NLP and deep learning to classify tweet sentiments as positive, negative, or neutral.
- The project includes data pre-processing, sentiment classification, and sentiment trend visualization, showcasing AI's application in social media analysis.

Experience

Artificial Intelligence Intern | CETPA Infotech Private Limited   June 2024 – August 2024
Exclusive Project - Sentysis (Twitter Sentiment Analysis)   *Noida, India*
- Understanding Natural Language Processing techniques, applying machine learning models to analyze Twitter data, and obtaining insights into data pre-processing and model evaluation.
- Acquired practical expertise in key Machine Learning techniques, including regression, support vector machines (SVM), decision trees, Principal Component Analysis (PCA), clustering, and reinforcement learning. Additionally, explored Sixth Sense Technology and worked on real-time AI projects, enhancing problem-solving skills and practical knowledge in AI-driven applications.