Adi Jain

Personal Details

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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: 8.43 / 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, C++
Database Management Systems: SQL (MySQL, PostgreSQL)
Web Development Skills: HTML, CSS, JavaScript, React, Node.Js, Three.Js, Flask, FastAPI
Softwares: LaTeX, Jupyter
Cloud and project management : Git, GitHub, Vercel
Other frequently used tools: Vite, D3.js, AG Grid for React, Ant Design

Selected Projects

Some of my projects are publicly available on GitHub: **github.com/Adi15Jain**

PneumoAI - Detect Pneumonia using AI | *Python – React.Js* — 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* — 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.

Image-particle effect | *Three.Js* — July 2023

- Understanding Three.Js by building interactive 3D design that turns an image into particles when clicked on.
- Understanding WebGL and Three.js by implementing particle distribution based on an image demonstrating the application of GPU-accelerated rendering and interactive 3D graphics using JavaScript.

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.