

Aditya Kumar Jha

 +91-9990362668

 2005akjha@gmail.com

 GitHub Profile

 LinkedIn Profile

EDUCATION

- Manipal University Jaipur

B.Tech Computer Science

2023-2027

CGPA/Percentage: 8.86/10
- Father Agnel School

Central Board of Secondary Education (CBSE)

2021-2023

CGPA/Percentage: 8.2/10

EXPERIENCE

- Atal Incubation Center, MUJ

Intern

July 2024 - Present
- Collaborated with a team to support incubated projects, helping to make them production-ready.

– Provided technical guidance and assistance in refining project features and ensuring scalability.

PERSONAL PROJECTS

- DaisyAI

DaisyAI, integrated with GeminiAI, leverages advanced NLP and predictive analytics to perform tasks based on voice commands.

* Tools & technologies used: Python and TensorFlow.

* DaisyAI, integrated with GeminiAI, utilizes voice commands for task automation and predictive analytics, enhancing efficiency and decision-making across applications. The project yielded improved productivity, informed decision-making, and high user satisfaction.
- AIDetect Pneumonia

Developed a deep learning-based pneumonia detection system with a FastAPI backend, featuring drag-and-drop X-ray uploads for analysis.

* Tools & technologies used: Python, FastAPI, TensorFlow, Streamlit.

* Built a FastAPI backend supporting drag-and-drop functionality for uploading X-rays.

* Applied deep learning to analyze chest X-rays for accurate pneumonia detection.
- ParkFinderPro

Developed a web application for real-time parking space detection using Flask, OpenCV, and TensorFlow/Keras. The system detects and

* Tools & technologies used: Flask, OpenCV, TensorFlow/Keras, Python.

* Developed a live video stream interface with overlaid parking space information and an API endpoint for real-time space count.

* Incorporated advanced computer vision and deep learning techniques to improve parking management efficiency.

TECHNICAL SKILLS AND INTERESTS

Technical Skills:

- Programming Languages: Python, C++, JavaScript

- Web Development: HTML, CSS, React.js, Tailwind CSS

- Database Management: SQL (MySQL), NoSQL (MongoDB)

- Version Control: Git, GitHub

- Data Analysis & Machine Learning: Pandas, NumPy, Scikit-learn, TensorFlow, Keras

- Deep Learning: CNNs, RNNs

- Tools & Technologies: Google Colab, Jupyter Notebook, Streamlit

Soft Skills: Teamwork, Problem-solving, Time Management, Leadership, Adaptability, Communication

Field of Interest: Artificial Intelligence, Machine Learning, Data Science

POSITIONS OF RESPONSIBILITY

- Campus Ambassador E-Cell IIT Bombay

– Senior Coordinator IEEE WIE

Aug 2024 - Nov 2024

May 2024 - May 2025

ACHIEVEMENTS

- Dean’s List Award

– Student Excellence Award

Awarded for achieving the highest grade point average in the 2nd semester

Granted to the top 3 CSE students each month