



Siddhartha Srivastava

Roll No.: 2511AI34

M.Tech

Artificial Intelligence

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
M.Tech (AI)	Indian Institute of Technology, Patna	Pursuing	2025-2027
B.Tech (CSE)	Bundelkhand University, Jhansi	7.67	2021-2025

EXPERIENCE

- **Front-End Intern, Salesqueen Software Solutions (Remote)** *July 2023 - Oct 2023*
 - Assisted in developing and maintaining web pages using HTML, CSS, and JavaScript.
 - Collaborated with the team to integrate basic backend APIs for data display.
 - Gained hands-on experience in improving page layouts and making user-friendly designs.

PROJECTS

- **Crop Disease Detection System** — Developed a Django-based web application using a TensorFlow CNN model to detect diseases in multiple crops from image inputs. Included prediction history storage and solution recommendation features to assist farmers in disease management.
- **Movie Recommendation System using Machine Learning** — Created a content-based movie recommendation system using Python, Pandas, and Scikit-learn to suggest 5 similar movies based on user selection. Implemented cosine similarity for efficient recommendations.
- **Exploratory Data Analysis (EDA) on Titanic Dataset** — Performed exploratory data analysis on the Titanic dataset using Python, Pandas, Matplotlib, and Seaborn. Included univariate, bivariate, and multivariate analysis to identify survival factors, visualize relationships, and derive meaningful insights from the dataset.
- **Video Conferencing Web App** — A Group Video Calling Application built using the Agora Web SDK with a Django backend. Implemented real-time audio and video communication features along with a room management system. Integrated responsive front-end for seamless user interaction and ensured smooth connectivity across multiple participants.

KEY COURSES TAKEN

Data Structures, Algorithms, DBMS, Machine Learning, Deep Learning, Artificial Intelligence, Operating System

TECHNICAL SKILLS

- **Programming:** C, C++, JavaScript, Python, SQL
- **Tools:** Jupyter Notebook, Google Colab, Git
- **Libraries:** NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras
- **Web Development:** HTML, CSS, JavaScript, Django

POSITIONS OF RESPONSIBILITY

- **Teaching Assistant** Indian Institute of Technology, Patna *August 2025 - Present*

ACHIEVEMENTS

- GATE 2025 Qualified - Computer Science and Engineering
- GATE 2024 Qualified - Computer Science and Engineering, Data Science & Artificial Intelligence
- 5 Star Coder On Hacker Rank
- Solved 150+ Questions on different platforms like Leetcode, GFG and Hackerrank

CERTIFICATIONS

- Coursera Certification on Machine Learning by Andrew Ng
- Udemy Certification on Deep Learning with TensorFlow and Keras