

JADAV GAJANAND

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EDUCATION

Institute of Aeronautical engineering,

B.Tech in CSE(Artificial intelligence and machine learning)

Expected graduation year - 2027

Kendriya Vidyalaya no.1 Golconda, Intermediate in MPC (82 percentage)

2021 - 2023

Kendriya Vidyalaya no.1 Golconda, SSC (84 percentage)

2021

SKILLS

Programming: HTML, CSS, JavaScript, Python (AI/ML), Java, SQL

AI/ML Tools: TensorFlow, PyTorch, OpenCV, scikit-learn, NumPy, Pandas

Developer Tools: Git & GitHub, VS Code, Postman, Jupyter Notebook, Google Colab

Cloud & Hosting: Firebase, AWS, Vercel, Netlify

Soft Skills: Communication, Problem-Solving, Adaptability, Collaboration, Time Management

INTERNSHIPS

AI Intern

Dec 2024 - Jan 2025

Edunet Foundation

- Developed a **deep learning model** for plant disease detection with **92% accuracy**.
- Processed **10,000+ plant images** using **CNN with TensorFlow/Keras**.
- Optimized model performance, reducing **training time by 30%** and **model size by 40%**.
- Conducted **feature extraction & augmentation**, improving classification accuracy by **15%**.

PROJECTS

Titanic Survival Prediction using Random Forest [GitHub Link]: Developed a machine learning model to predict Titanic passenger survival with 85.4% accuracy. Processed 891 training samples from the Kaggle Titanic dataset, engineering 12+ key features.

Email Spam Detection Using Logistic Regression: Developed a binary classification model to detect spam emails with ~96% accuracy. Reduced false positives by 12% through feature selection and hyperparameter tuning. Optimized Logistic Regression with L2 regularization, improving precision to 95%.

Restaurant Management System: A Python-MySQL Solution: Developed a Python-based GUI system using MySQL for managing restaurant operations, improving order processing by 40%. Created modules for menu management (100+ items) and order tracking, storing 5,000+ records. Implemented role-based access control for Admin, Staff, and Customer.

CERTIFICATIONS

- **SQL Certification from Intellipaat**
- **Carrer Essentials in Generative AI by Microsoft and LinkedIn**
- **Kaggle certified Python coder**

EXTRACURRICULAR ACTIVITIES

- **6th Digital Citizen Summit and Community exchange Program 2024:** Participated in the 6th Digital Citizen Summit and CNX, engaging with thought leaders on digital ethics, security, and emerging technologies.
- **Aspire Leaders Program:** Selected for the Aspire Leaders Program, focusing on leadership development, strategic thinking, and professional growth.