

# Jay Gajjar

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## EDUCATION

### Pandit Deendayal Energy University

B. Tech in Information and Communication Technology

July 2024 - Present

CGPA: 9.35

### Green Valley High School

12th CBSE

May 2023 - May 2024

89%

### D. R. Amin Memorial School

10th CBSE

April 2021 - April 2022

85%

## PROJECTS

### CIFAR-10 Image Classification using CNN & VGG16

Oct 2025 – Nov 2025

Python, TensorFlow, Keras, CNN, Transfer Learning

- Built a CNN-based image classification system using TensorFlow and Keras for multi-class image recognition on the CIFAR-10 dataset.
- Improved model generalization using data augmentation, batch normalization, dropout, and early stopping techniques.
- Implemented transfer learning with pretrained VGG16 (ImageNet weights) and evaluated performance using accuracy metrics and confusion matrices.

### Prashikay (AI-Powered Internship Recommendation System)

Sept 2025 – Present

Python, scikit-learn, TF-IDF, Cosine Similarity

- Built a content-based internship recommendation engine using TF-IDF vectorization and cosine similarity for skill matching.
- Designed a weighted scoring system incorporating academics, location, experience, and diversity factors to rank matches.
- Generated explainable recommendations with supporting reasons and analytical reports for internship matching.

## SKILLS

**Languages:** Python, C++, C, SQL, Javascript

**Tools:** VS Code, Jupyter Notebooks, Google Colab, GitHub, Git, PyCharm

**Frameworks:** Numpy, Matplotlib, Seaborn, Keras, TensorFlow, scikit-learn

## ACTIVITIES AND LEADERSHIP

### Science and Technical Committee

Event Management Associate

Aug 2024 – July 2025

Event Management Subcommittee

Aug 2025 - Present

- Contributed to planning and execution of the college technical fest, coordinating logistics, schedules, and events.
- Assisted in managing and supporting various science and technical clubs under the committee.

### Encode

Event Management Core

Aug 2025 – Present

- Core member of the coding club responsible for organizing coding events, contests, and technical workshops.