

Jay Gajjar

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EDUCATION

Pandit Deendayal Energy University <i>B. Tech in Information and Communication Technology</i>	July 2024 - Present CGPA: 9.35
Green Valley High School <i>12th CBSE</i>	May 2023 - May 2024 89%
D. R. Amin Memorial School <i>10th CBSE</i>	April 2021 - April 2022 85%

PROJECTS

CIFAR-10 Image Classification using CNN & VGG16 <i>Python, TensorFlow, Keras, CNN, Transfer Learning</i>	Oct 2025 – Nov 2025
<ul style="list-style-type: none">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) <i>Python, scikit-learn, TF-IDF, Cosine Similarity</i>	Sept 2025 – Present
<ul style="list-style-type: none">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

<i>Event Management Associate</i>	Aug 2024 – July 2025
<i>Event Management Subcommittee</i>	Aug 2025 - Present
<ul style="list-style-type: none">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

<i>Event Management Core</i>	Aug 2025 – Present
<ul style="list-style-type: none">Core member of the coding club responsible for organizing coding events, contests, and technical workshops.	