

Pranavee GP

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Education

VIT Bhopal University Bhopal, Madhya Pradesh
Integrated M.Tech Expected July 2026
Major in Computer Science; Specialization in AI/ML
Cumulative GPA: 8.1/10
12th Standard

Narayana Junior College Tirupati, Andhra Pradesh
Cumulative GPA: 8.18/10 Jul 2021
10th Standard

Bharatiya Vidya Bhavan Tirupati, Andhra Pradesh
Cumulative GPA: 7.0/10 Jul 2018

Projects

- RAG Model through FastAPI (2024)
- Developed a model that generates the information live for weather and 2 other parameters where I used FastAPI to get the results and used that in the real world as a part of the project.
 - Jointly prepared a whole LLM model that can predict the weather of that particular place and that particular time and that has shown a valuable result with 87% accuracy.
- Student Guidance Platform (2023)
- Developed and deployed a student roadmapping platform, improving study guidance efficiency by 40% using SQL, HTML, CSS, and JavaScript.
 - Integrated ML models with an 84% accuracy using the RandomForest algorithm, resulting in a 30% increase in personalised study recommendations.
- Object detection using Deep Learning- Yolo 7 (2021-2022)
- Achieved 94% accuracy in detecting potholes on campus roads, reducing detection errors by 30% compared to previous models.
 - Utilised TensorFlow and PyTorch to develop the detection model, achieving a processing speed of 20 frames per second, enabling real-time performance.
 - Conducted extensive testing and validation, leading to a 25% improvement in model robustness and a 15% decrease in false positives.
- Spam-Mail Classifier (2021)
- Conducted a comparative analysis of RNN, CNN, and R-CNN against other algorithms, leading to a 15% improvement in classification accuracy, with the best model achieving 96% accuracy.
 - Evaluated model performance using metrics such as precision, recall, and F1-score, optimising the final model with a 20% reduction in false positives using Python, Seaborn, and Keras.

Extracurricular

DSW Team Lead: Led 5-member team, boosting campus greenery by 20% (10+ tree drives) and improving waste management (15% reduction, 25% recycling boost) through university collaboration.

Co-Curricular

Unstop - Secured a Global Rank of 1256 and Female Lead rank 538
HackerRank - 2 Star in SQL

ADDITIONAL

Technical Skills: Python, GenAI, Prompt Engineering, Neural Networks

Languages: Fluent in Telugu, English; Conversational Proficiency in Tamil

Certifications & Training: Introduction to TensorFlow for Artificial Intelligence, Machine Learning and Deep Learning