**Punyata Gupta**

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**Education**

**VIT Bhopal University**  Bhopal, Madhya Pradesh

BTech Expected May 2026

Major in Computer Science; Minors in Artificial Intelligence and Machine Learning

Cumulative GPA: 8.8/10

**12th Standard**

**The Little Shri** Rohtak, Haryana

CBSE Cumulative Percentage: 92 Jul 2022

**10th Standard**

**The Little Shri** Rohtak, Haryana

CBSE Cumulative Percentage: 97.4 Jul 2020

**Projects**

**Movie Recommendation System** Dec 2024 – Jan 2025  
● Developed a Python-based movie recommendation system using data from TMDB (The Movie Database) to recommend movies based on content similarity through content-based filtering.

● Created an interactive web application using Streamlit, enabling users to input or select a movie and receive personalized recommendations.  
● The system provides tailored recommendations by analyzing textual metadata, leveraging pre-trained similarity matrices, and integrating efficient data processing techniques.  
● Successfully deployed the web app, demonstrating an intuitive interface for users and scalable back-end functionality

**SEVAH Project (Ongoing)** Jun 2024 – Sep 2025

* Contributed to developing a healthcare app using KOTLIN offering first aid guidance, real-time diagnosis, and emergency services using AI.
* Integrated machine learning CHATBOT for symptom-based diagnosis to improve emergency response efficiency.
* Ensured user accessibility by simplifying app design for diverse demographics.
* Demonstrated leadership by making critical decisions, solving technical challenges, and fostering teamwork.
* Helped deliver a platform aimed at enhancing healthcare accessibility, especially in underserved areas.

**Work Experience**

**Machine Learning Intern(Feb 2025 - Present)**

* Working on RAG models to improve agri-related Q&A by combining language models with document retrieval. Involved in fine-tuning, semantic search, and vector database integration

**Extracurricular**

**Anchoring & Stage Management, VIT Bhopal**

* Successfully anchored and managed events, demonstrating strong public speaking and organizational skills.

**Cultural Leadership & Editorial Roles, The Little Shri**

* Directed cultural activities as the Cultural Head and contributed to the school magazine as Chief Editor.

**Activities**

**Core Member, Advitya Inter-University Techno-Cultural Festival**

* Planned and executed inter-university events, ensuring high-quality experiences.
* Coordinated and led anchoring for college fests, managing event schedules and issue resolution in real-time.

**ADDITIONAL**

**Technical Skills**: Kotlin, Java, Python, Machine Learning, Data Visualization, Data Analysis, Computer Vision, YOLO , Android Development, SQL, C++, PowerPoint, Excel

**Languages:** Fluent in Hindi, English

**Certifications & Training:** Supervised Machine Learning: Regression and Classification (May 2023), Advanced Learning Algorithms (Aug 2023) – Coursera, The Complete Android 14 & Kotlin Development Masterclass (Sept 2024), Data Science with Teachnook (Cognizance’24) (July 2024)