**PUNYATA GUPTA**

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**EDUCATION**

**VIT Bhopal University** Bhopal, Madhya Pradesh

Bachelor of Engineering Expected September 2026

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

Cumulative GPA: 8.84/10

**The Little Shri School** Rohtak, Haryana

CBSE - Class XII Percentages - 92% Jul 2021 - Jul 2022

CBSE - Class X Percentages - 97.4% Jul 2019 - Jul 2020

**WORK EXPERIENCE**

**DEXIAN INDIA TECHNOLOGIES PVT. LTD** Remote - Chennai

AI Intern Feb 2025 - May 2025

* Developed a multilingual RAG-based Q&A system for plant disease diagnosis using LLMs and document retrieval
* Trained a CNN model with 88% accuracy for image-based plant disease classification
* Integrated semantic search with FAISS/Chroma and optimized LLM prompts for relevant, low-latency responses.

**PROJECTS**

**AI-POWERED COMPUTER FUNDAMENTALS TUTOR** April 2025 - May 2025

* Designed and developed an AI tutor platform to help students learn Computer Fundamentals in an interactive and personalized way
* Integrated Google Gemini API to provide exam-style answers, detailed explanations, and automatic topic summaries
* Implemented a real-time answer evaluation system that compares student responses with model solutions and provides personalized feedback
* Added MCQ progress tracking to monitor performance and mastery level across selected subtopics
* Built the UI using Streamlit, and managed backend logic using Python and text similarity techniques

**MEDIBOT - AI-POWERED HEALTH CHATBO**T Feb 2025 - March 2025

* Developed MediBot, a conversational health assistant supporting multilingual interaction (English/Hindi) using text, voice, and image inputs
* Used Google Gemini API for generating conversational responses and providing basic health guidance
* Integrated a CNN-based skin disease classification model with ~86% accuracy, enabling image-based diagnosis and recommendations
* Enabled voice interaction by integrating speech-to-text and text-to-speech APIs for a natural user experience
* Combined Conversational AI with Computer Vision in a single app interface using Streamlit, enhancing accessibility for non-technical users

**EXTRACURRICULAR**

**Advitya Techno-Cultural Festival, VIT Bhopal**  Core Member Feb 2025 & Feb 2024

* Hosted multiple institutional events; showcased public speaking, coordination, and on-stage crisis management.
* Organized inter-university events and led anchoring teams and resolved live event issues in real time

**Student Council - The Little Shri School**

Cultural Head & Chief Editor 2018-19 and & 2017-18

* Led cultural events and edited all major school publications

**ADDITIONAL**

**Technical Skills**: Python, Java, SQL, Machine Learning, Deep Learning, Data Analysis, Data Visualization, Computer Vision, YOLO, NLP, Hugging Face, Lang Chain, RAG (FAISS, ChromaDB) LLMs, Flask, Streamlit, Kotlin

**Languages:** English (Fluent), Hindi (Fluent), French (Basics), Japanese (Basic)

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