

ABHISHEK GUPTA

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Education

UPES, Dehradun - India <ul style="list-style-type: none">Bachelor of Technology in Computer Science –AIML CGPA: 8.42	2022-2026
GRG School, Haryana - India <ul style="list-style-type: none">CBSE (CLASS XII) Percentage:75%	2021-2022
The Sirsa School, Haryana - India <ul style="list-style-type: none">CBSE (CLASS X) Percentage:89%	2019-2020

Skills

- Programming Languages:** Python | JavaScript | JAVA
- Web Technologies:** HTML | CSS | Angular JS
- ML/AI:** Mathplotlib | Pandas | Keras | Pytorch | Tensorflow | Seaborn | Scikit-learn
- Miscellaneous:** MySQL | GitHub | MongoDB | Django | MS Office
- Framework:** Node.js | Streamlit | React | Flask | Longchain
- AI & Vector Technologies:** ChromaDB, Google Gemini (Generative AI)
- Operating System:** Window | Linus

Internship

- 1. Internship – Artificial Intelligence @Redcliffe Labs Pvt Ltd (On -Site)** June 2025 – July 2025
 - Developed an **Inventory Forecasting Chatbot** using ML and Dialogflow to assist in real-time supply prediction and staff queries.
 - Contributed to an **Inventory Management Web Application**, integrating data-driven insights for stock analysis and forecasting.
 - Applied AI/ML techniques including time-series forecasting and model deployment, with hands-on experience in full-stack integration.
 - Tech Stack:** Python, scikit-learn, Flask, Dialogflow, Pandas, Pytorch, TensorFlow, JavaScript, Git
- 2. Internship – Google Cloud Generative AI(NASSCOM x SmartInternz)(Remote)** June 2025 – July 2025
 - Completed a hands-on internship focused on building and deploying **Generative AI solutions** using Google Cloud tools.
 - Gained practical experience with **LLM workflows, Retrieval-Augmented Generation (RAG)**, MLOps pipelines, and ethical AI deployment.
 - Developed and deployed cloud-native models using **Vertex AI**, with exposure to **Gemini**, GCP, and the STEM Framework.
 - Tech Stack:** Vertex AI, Google Cloud Platform, Gemini, Python, MLOps, STEM Framework

Projects

- 1. Leaf Disease Detection** **Link:** [Github](#)
 - Developed a deep learning model to detect and classify tomato plant diseases using leaf images.
 - Built an intuitive web/mobile interface (optional: using Streamlit/Flask/Android) to allow users to upload leaf images and get instant diagnosis.
 - Applied CNN architectures such as MobileNet in disease classification.
 - Technologies used: Python, TensorFlow/Keras, OpenCV, NumPy, Pandas, Matplotlib, Streamlit (or Flask)
- 2. Fashion Recommendation System** **Link:** [Github](#)
 - Developed a deep learning model to detect and classify images.
 - Built an intuitive web interface using Streamlit to allow users to upload image and get similar images.
 - Applied CNN architectures such as Resnet50 in image classification.
 - Technologies used: Python, TensorFlow/Keras, NumPy, Pandas, Matplotlib, Streamlit.
- 3. AI-Powered Academic Dashboard & RAG Chatbot**
 - Built a personalized academic dashboard with role-based access and real-time grade tracking using Django and Streamlit.
 - Integrated a course-specific chatbot using LangChain and Google Gemini, delivering document-grounded answers via a RAG pipeline.
 - Technologies Used: Django, Streamlit, LangChain, Google Gemini, ChromaDB

Responsibility

- Organising committee member in HACKATHON 7.0, HACKATHON 8.0, and UHACKATHON 4.0.
- Collaborated with the technical committee to contribute to the development and maintenance of the CSI (Computer Society of India) website, ensuring functionality and user experience.