ABHISHEK GUPTA

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Education

UPES, Dehradun - India **2022-2026**
- Bachelor of Technology in Computer Science –AIML | CGPA: 8.42

GRG School, Haryana - India **2021-2022**
- CBSE (CLASS XII) | Percentage:75%

The Sirsa School, Haryana - India **2019-2020**
- CBSE (CLASS X) | Percentage:89%

Skills

- **Programming Languages**: Python | JavaScript | JAVA
- **Web Technologies**: HTML | CSS | Angular JS
- **ML/AI**: Neural Networks | Deep Learning
- **Miscellaneous**: MySQL | GitHub | MongoDB | Django | MS Office
- **Framework:** Node.js | Streamlit | React | Flask

Internship

1. Intern – Arificial 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, HTML/CSS, JavaScript, Git

2. Intern – Google Cloud Generative AI(NASSCOM x SmartInternz) 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. Portfolio **Link: Github**

Developed an innovative and user-centric Portfolio platform leveraging advanced collaborative filtering techniques, resulting in highly personalized suggestions that significantly boosted user engagement and retention.
- Spearheaded the end-to-end development, from data processing to algorithm optimization, ensuring a seamless and engaging user experience.
- Technologies Used: HTML | CSS | Javascript

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.