

EDUCATION

Graphic Era Hill University Bachelor of Technology - CSE: CGPA: 8.15	Dehradun, Uttarakhand August 2022 - Present
S.D Inter College Higher Secondary Education (12 th) – Science Stream; Percentage: 69%	Karanprayag, Uttarakhand July 2022
Iris Public School Secondary Education (10 th); Percentage: 67%	Srinager, Uttarakhand July 2020

SKILLS SUMMARY

- **Languages:** C, C++, JavaScript, Python, SQL, Html, Css
- **Frameworks:** Flask, Pandas, Numpy, Scikit-Learn, Matplotlib, Tensorflow, keras
- **Tools:** Jupyter Notebook, Visual Studio Code, Google Colab, IntelliJ IDEA, Oracle SQL
- **Soft Skills:** Problem-Solving, Critical Thinking, Effective communication, Team Collaboration, Adaptability

PROJECTS

Brain Tumor Detection LINK	April 2025
<ul style="list-style-type: none">o Developed a deep learning model using inceptionnet to classify brain tumors into four types with 90% accuracy.o Analyzed key retention factors such as tenure, support calls, payment history, and contract terms to improve prediction.o Built a flask web app that allows users to upload mri scans and receive real-time classification with medical suggestions.	
Anidex – AI Animal Classifier LINK	March 2025
<ul style="list-style-type: none">o Built a cnn-based classifier to identify 90+ animal species with 84% accuracy and integrated speech-to-text for accessibility.o Connected the system to the Wikipedia api to provide real-time species information in an interactive format.o Developed a web application using html, css, and javascript for seamless animal identification.	
Customer Churn Prediction LINK	March 2025
<ul style="list-style-type: none">o Built a random forest model with optuna-based hyperparameter tuning, achieving 99% accuracy on a 450k+ customer dataset.o Analyzed a dataset of 450K rows, incorporating key features like tenure, support calls, payment delays, and contract length.o Deployed the model in a flask-based dashboard, enabling data-driven customer retention strategies.	
Face Mask Detection System LINK	February 2024
<ul style="list-style-type: none">o Achieved 94% accuracy in detecting face mask usage by utilizing the VGG16 architecture for effective classification.o Developed a real-time face mask detection system to identify individuals wearing face masks or not.o Built with Python, TensorFlow, and OpenCV for deep learning and image processing.	
Emotion Detection System using CNN LINK	December 24 - January 2025
<ul style="list-style-type: none">o Built a cnn-based emotion detection model that classifies facial expressions like angry, happy, neutral, and sad with 69% accuracy.o Trained on static facial images, extracting deep features for improved classification performance.o Employed Python, TensorFlow, and OpenCV libraries for deep learning and image processing tasks.	
Movie Recommendation System LINK	September 2024
<ul style="list-style-type: none">o Developed a content-based recommendation engine using cosine similarity and tf-idf vectorization to suggest movies based on user input.o Analyzed imdb 5000 dataset, leveraging metadata like genre, director, and plot to generate personalized recommendations.o Applied cosine similarity to compare movie features and generate highly relevant recommendations.	
YouTube Sentimental Analyzer LINK	April 24 - May 2024
<ul style="list-style-type: none">o Developed an nlp-based sentiment analysis model with 85% accuracy to classify youtube comments as positive and negative.o Utilized you tube api to fetch real-time user interactions and applied text preprocessing techniques for improved classification.o Created an interactive dashboard to help content creators analyze audience sentiment and engagement.	

CERTIFICATES

Machine Learning with Python Cognitive Class (IBM) CERTIFICATE	March 2025
<ul style="list-style-type: none">o Gained expertise in supervised and unsupervised learning, model evaluation, and key ML algorithms.o Completed hands-on labs using Jupyter Notebook for practical machine learning applications.	
Enhancing Soft Skills and Personality (Swayam) CERTIFICATE	April 2024
<ul style="list-style-type: none">o Developed essential soft skills, including effective communication, teamwork, and interpersonal skills.o Improved self-awareness and emotional intelligence to enhance personal and professional interactions.	
Google Cloud Computing Foundations (Swayam) CERTIFICATE	October 2023
<ul style="list-style-type: none">o Acquired foundational knowledge in cloud computing, covering basic concepts and services of Google Cloud Platform (GCP).o Familiarized with deploying applications and managing resources in a cloud environment.	