

AKASH CHAUHAN

Dehradun, Uttarakhand

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in [Linkedin](#)

🔗 [LeetCode](#)

👤 [CodingNinjas](#)

EDUCATION

Graphic Era Hill University

B.Tech - Computer Science and Engineering(AIML) - **CGPA - 9.06**

2021 – Present

Dehradun, Uttarakhand

TECHNICAL SKILLS

Languages: C++, HTML , CSS , JavaScript , Python (Basic) , SQL

Technologies/Frameworks: Machine Learning, Deep Learning, Natural Language Processing , React , jQuery

Developer Tools: VS Code, PyCharm, Jupyter Notebook , Google Collab

COURSEWORK / SKILLS

- DSA
- Machine Learning
- Oops Concepts
- Deep Learning
- operating system

PROJECTS

Portfolio Website | HTML , CSS , JavaScript

2024

- Developed a personal portfolio website using HTML, CSS, and JavaScript to showcase projects, skills, and achievements.
- Implemented responsive design principles for optimized user experience across devices.

Movie Reviews Classification 🔗 | NLP, Supervised Machine Learning, IDE - Jupyter notebook

2024

- Developed an NLP-based machine learning model that classifies movie reviews as positive or negative with an accuracy rate of 90 % .
- Trained the model using various algorithms, achieving an F1 score of 0.82 for balanced performance.
- Utilized 2 distinct models, SVC and Random Forest

Face Mask Detection 🔗 | Deep Learning - CNN

2023

- Engineered a CNN-based deep learning model for detecting face masks in images, achieving a detection accuracy of 91.5 %.
- Processed a diverse dataset of 7553 images, applying data augmentation techniques to enhance model robustness.
- Trained the network using state-of-the-art architectures, achieving a precision rate of 0.85 and a recall rate of 0.82.

Sorting Visualizer 🔗 | C++ , Sorting

2022

- Engineered an advanced sorting visualizer in C++.
- Showcasing the intricate workings of 5 sorting algorithms: Merge Sort, Quick Sort, Insertion Sort, Bubble Sort, and Selection Sort.
- Offers precise, real-time graphical depictions of sorting processes.

CODING PLATFORMS

- Solved **500+** Problems on **Leetcode**. 🔗
- Solved **300+** Problems across **Coding Ninjas** and **GeekforGeeks**. 🔗

CERTIFICATIONS

- Certificate of excellence in Data Structures and algorithms - Coding Ninjas (Aug 2022 - Dec 2022)
- Machine Learning and Deep Learning - Coding Ninjas (Sep 2023 - Feb 2024)
- AWS Cloud Practioner - Amazon Web Services (April 2024)

EXTRACURRICULAR

- **Guided Peer Learning - Data Structures and Algorithms (DSA)** : Provide daily guidance to juniors on core DSA concepts, problem-solving techniques, and improving coding proficiency through hands-on practice and collaborative discussions in a peer-learning environment.
- **Class Representative** : I held the position of Class Representative in the 4th semester of my B.Tech program, facilitating communication between students and faculty. Acting as a liaison for a class of 60 students, I addressed concerns and ensured a conducive learning environment.