



Rohit Singh

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EDUCATION

B.Tech	2023-2025	NSUT	8.76
CBSE (Class XII)	2022	K.L.K. Saraswati Bal Mandir	93%
CBSE (Class X)	2020	Adarsh Jain Dharmic Shiksha Sadan	85%

ACADEMIC PROJECTS

❖ [Face Mask Detection Using CNN \(GitHub\)](#)

- Designed and trained a deep learning model using **CNN** in TensorFlow to classify masked vs. unmasked faces with 96% accuracy.
- leveraging dropout and pooling layers for performance and generalization.

❖ [Dog vs Cat image classifier \(GitHub\)](#)

- Trained a **CNN model** using **TensorFlow** to classify images into dog or cat categories.
- Implemented dropout, and regularization to enhance accuracy up to 97%.
- Evaluated on unseen images with strong performance.

❖ [MNIST Digit Classifier \(GitHub\)](#)

- Developed a neural network model using **TensorFlow/ Keras** to classify handwritten digits from the MNIST dataset, achieving 98% training and 97% validation accuracy.
- Designed a multi-layer architecture with **ReLU-activated** dense layers and a 10-class sigmoid output, applying effective training and evaluation techniques.

POSITIONS OF RESPONSIBILITY

❖ **National Service Scheme (NSS), NSUT (Aug23-Dec25)**

- Led **community service initiatives**, cleanliness drives & awareness campaigns.
- Organized **events on education, health, and sustainability**.
- Strengthened **leadership, teamwork & communication skills**.
- Built and maintained courteous and **effective working relationship**.

EXTRA- CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Former Badminton Player
- Design and Thinking [Certificate](#) (NPTEL Course) | Elite
- Silver Medal - Developing Soft Skills & Personality [Certificate](#) (NPTEL Course).

TECHNICAL SKILLS

- ❖ **Programming Languages** : C++, Python.
- ❖ **Tools** : PowerPoint ,Excel , MYSQL .
- ❖ **Core Concepts** : DSA, Operating System, OOPs, Communication Network, Deep Learning, Machine Learning
- ❖ **Databases** : SQL, DBMS.
- ❖ **Frameworks** : Pandas, NumPy, Seaborn, Matplotlib, Scikit-learn, TensorFlow, PyTorch, LangChain