Rohit Singh

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[GitHub](https://github.com/Rohitsingh24-cloud) | [LINKEDLN](https://www.linkedin.com/in/rohit-singh-5498b8292)

EDUCATION

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

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| ACADEMIC PROJECTS |

* **Face Mask Detection Using CNN ([GitHub](https://github.com/Rohitsingh24-cloud/face-mask-detection-using-cnn))**
* 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](https://github.com/Rohitsingh24-cloud/dog-vs-cat-classifier))
* 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](https://github.com/Rohitsingh24-cloud/mnist-digit-predictor))
* 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](https://archive.nptel.ac.in/noc/Ecertificate/?q=NPTEL23MG127S73430210320333298) (NPTEL Course) | Elite
* Silver Medal - Developing Soft Skills & Personality [Certificate](https://archive.nptel.ac.in/noc/Ecertificate/?q=NPTEL24HS176S55090759304245931) (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