# Anshul Kaushal

AI ENTHUSIAST

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## Education

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|---|---|
| **Panjab University** | **2022 and ongoing** |
| Bachelors of Computer Science and Engineering | CGPA (till $2^{st}$ Semester): 8.51 |

## Projects

**Transfer Learning (PyTorch)**

- Learnt about T-SNE plot and Grad-Cam Visualization
- Used resnet-18 (pre-trained) along with data augmentation

**Hand-written Digit Classification**

- Classified MNIST dataset with over 95%+ accuracy
- Used hyper parameterization to increase accuracy

**Spam/ Ham Detection**

- Learnt and implemented LSTM model
- Learnt various text data cleaning techniques

**Stock Market Predictor**

- Learnt and implemented LSTM model
- Predicted market with 95%+ accuracy

**Collaborative filtering recommendation System**

- Learnt about vectorizing dataset
- Learnt various text data cleaning techniques

**ML Models**

- Build the most important ML models from scratch

## Skills & abilities

**Technical Skills**

- **Frameworks:** PyTorch (Basics), TensorFlow, Keras, OpenCV, Manim (Basics), Hugging Face
- **Libraries:** NumPy, Pandas, Seaborn, Matplotlib, scikit-learn, Pygame, Tkinter
- **Programming Languages:** Python, C Language, C++ Language, HTML, CSS
- **Tools:** MySQL (Database management), YOLOv8

**Leadership and Extracurricular**

- Active member of Platform Tech Society
- Deputy Secretary General of MUN (Model United Nations) [In school]