PARMOD KUMAR

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D.O.B.: 12th Dec 2002 — **Address:** Rupnagar, Punjab

OBJECTIVE

I am an **M.Sc. IT Post Graduate with completed 6 months Internship in Artificial Intelligence and Machine Learning from NIELIT with collaboration of IIT Ropar** and looking forward to work for an organization which nurtures professional growth with a right mix of challenges, exposure, learning opportunities and career development.

EDUCATION

M.Sc. IT (Lateral Entry) – Government College, Ropar **2025**
Marks: **77.58%**

PGDCA – Government College, Ropar **2024**
Marks: **75.5%**

B.A – Government College, Ropar **2023**
Marks: **72.06%**

SKILLS

- Python
- OpenCV
- Flask
- HTML5, CSS3
- NumPy, Pandas
- Scikit-Learn
- Data Analysis
- MS Office

PROJECTS

- **Object Detection Model:** Developed a computer vision model to detect and localize objects in images using deep learning techniques. Trained on custom datasets and implemented using CNN-based architectures for accurate object identification. *Stack: Python, TensorFlow/Keras, OpenCV, NumPy.*
- **Face Detection System:** Built a face detection model capable of identifying human faces from stored images. Implemented using Haar Cascade and deep learning-based methods to ensure robust detection across various conditions. *Stack: Python, OpenCV, NumPy.*
- **Web Scraping – Indian & International News:** Created a web scraping system to fetch real-time news articles from multiple Indian and global news portals. Implemented automated scraping with text-cleaning pipelines and categorized news into domains like politics, sports, business, and technology. *Stack: Python, BeautifulSoup, Requests, Pandas, Transformers.*
- **Sentiment Analysis on E-commerce Reviews:** Performed sentiment analysis on product reviews collected from Flipkart and Amazon. Created automated scraping scripts and built ML models to classify reviews as Positive, Negative, or Neutral to understand customer feedback patterns. *Stack: Python, BeautifulSoup, Scikit-learn, NLTK, TextBlob.*
- **Mental Health Prediction:** Developed an ML-based project to predict mental health conditions using survey-based inputs. Performed exploratory data analysis, preprocessing, and built classification models for accurate predictions. *Stack: Python, Pandas, NumPy, Scikit-learn.*
- **Patient Data Analysis:** Conducted comprehensive data analysis on a medical patient dataset. Performed data cleaning, statistical analysis, visualizations, and extracted basic ML insights from the healthcare data. *Stack: Python, Pandas, NumPy, Matplotlib.*
- **Additional Mini Projects:** Worked on multiple small-scale experiments and model-building tasks during AIML coursework, including data preprocessing pipelines, model evaluation techniques, and exploratory analysis on various datasets. *Stack: Python, NumPy, Google Colab.*

TRAINING & INTERNSHIP

1. Artificial Intelligence and Machine Learning (6 months at NIELIT Ropar with IIT Ropar collaboration)
2. Programming Essentials in Python (Cisco Network Academy)