

Harshit Pant

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Career Objectives

Motivated B.Tech CSE student with strong programming skills, aiming to deliver real-world software solutions and drive innovation to support organizational growth.

Education

Uttarakhand Technical University, B.Tech in Computer Science 2022 – 2026

- SGPA: 7.3/10

Central Board of Secondary Education, XIIth 2021 – 2022

- Percentage: 76

Uttarakhand Board of School Education, Xth 2019 – 2020

- Percentage: 88.8

Professional Experience

Deep Learning Project Intern, Edunet Foundation (Remote), in April 2025
collaboration with AICTE & Shell

- Developed a model to predict and detect forest fires using deep learning techniques.
- Worked on dataset collection, preprocessing, model training, and evaluation.
- Used libraries like TensorFlow/Keras and applied CNN architectures for accurate fire detection.
- Enhanced understanding of deep learning concepts through practical implementation and model optimization.

Projects

Market Segmentation Using Clustering Github Repo

- K-Means clustering using Scikit-learn to segment customer data into behavioral groups, enabling more targeted business strategies.
- Conducted thorough preprocessing and EDA to uncover customer trends and patterns from raw data.
- Identified the optimal number of customer segments using the Elbow Method and analyzed group characteristics.
- Trained a Decision Tree Classifier on cluster labels, demonstrating how unsupervised learning results can drive accurate predictive models.

Technical Skills

Languages: Python

Web Technologies: HTML, CSS, JavaScript

Frameworks/Libraries: Numpy, Pandas, Seaborn, Matplotlib, Scikit-learn

Tools & IDEs: Visual Studio Code, Pycharm, Jupyter Notebook, Google Colab, Github

Databases:SQL