

DHEERAJ PANDEY

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🌐 [MyPortfolio-website](#)

SUMMARY

Enthusiastic B.Tech graduate with strong skills in Python, data analysis, and machine learning. Seeking to leverage my expertise in a dynamic role on data analytics and machine learning. Excited to drive impactful projects and advance in the AI and machine learning field. Excellent problem-solving, research, and collaboration abilities.

TECHNICAL SKILLS

- **Programming Languages:** Python, C, SQL
- **Libraries:** NumPy, Pandas, Seaborn, Scikit-learn
- **Web Development:** Streamlit, HTML, CSS, Django
- **Development Tools:** Git, Jupyter, MS Excel, PowerBI

PROJECTS

Movie Recommendation Web App

Python, Jupyter Notebook, Streamlit

Machine Learning Project

- Developed a context-based recommendation system using tags to match patterns.
- Utilized data preprocessing, EDA, and filtering for accurate recommendations, integrating an API to fetch movie posters.

Book Recommendation Web App

Python, Jupyter Notebook, Flask, HTML/CSS

Machine Learning Project

- Implemented collaborative filtering to create a personalized book recommendation system.
- Applied matrix factorization techniques to improve recommendation accuracy.

IPL Match Prediction Web App

Python, Jupyter Notebook, Streamlit

Machine Learning Project

- Applied logistic regression and Random forest techniques to predict match outcomes.
- Allowed users to input variables like team name, venue, score, target, wickets, and overs to get winning probabilities.

Laptop Price Prediction

Python, Jupyter Notebook, Stramlit

Machine Learning Project

- Used multiple machine learning algorithms to evaluate performance and accuracy.
- Allowed users to input features like SSD size, HDD size, processor, screen details, and brand to get price predictions.

EDUCATION

Institute of Technology, Gopeshwar

Uttarakhand Technical University

B. Tech in Computer Science and Engineering

2021 – 2024

Govt. Polytechnic Garur

Uttarakhand board of Technical Education

Diploma in Mechanical Engineering

2015 – 2018

govt. Inter college

Uttarakhand Board

Intermediate (XII)

2015

Sarashwati Vidya Mandir Chaukhutia

Uttarakhand Board

High school (X)

2013

REWARD AND ACHIEVEMENT

- Achieved gold in chess, 1st in volleyball, and 2nd in table tennis at College Sports Fest 2022-23; secured silver in chess and 2nd in volleyball as team captain.
- Served as Coordinator for Sports and Technical Fest in 2022-23 and 2023-24.

HOBBIES

- Sketching • Swimming • Volleyball • Spiritual Book Enthusiast • Enthusiastic about teaching