

UJJWAL THAPLIYAL

Email: ujjwalthapliyal4@gmail.com | [GitHub](#) | [LinkedIn](#)

Mobile: 8439653056

PROFESSIONAL SUMMARY

Aspiring Data Scientist with hands-on experience in machine learning, data analysis, and predictive modeling. Skilled in Python, SQL, and advanced ML frameworks with a demonstrated ability to deploy scalable solutions. Passionate about transforming data into actionable insights to drive business success.

EDUCATION

- Master of Computer Application (MCA)

Shri Guru Ram Rai University, Dehradun, Uttarakhand — June 2024 – Present

- Bachelor of Information Technology (B.IT)

Shri Guru Ram Rai University, Dehradun, Uttarakhand — CGPA: 7.9 — June 2021 – August 2024

SKILLS

- Programming Languages: Python (Pandas, NumPy, Scikit-Learn, XGBoost, LightGBM, TensorFlow), SQL
- Frameworks & Libraries: Scikit-Learn, TensorFlow, Keras, Matplotlib, Seaborn
- Tools & Platforms: Power BI, MySQL, Jupyter Notebook, Git, Docker, MLflow
- Core Competencies: Data Wrangling, Feature Engineering, Model Development & Deployment, Hyperparameter Tuning, Predictive Modeling, Automated ML Pipelines

PROJECT EXPERIENCE

Flipkart Customer Satisfaction Prediction | Feb 2025

- Developed a binary classification pipeline predicting customer satisfaction from support interaction data.
- Built models including Decision Tree, Random Forest, KNN, Gradient Boosting, and AdaBoost.
- Evaluated models using Accuracy, Precision, Recall, F1-score, Confusion Matrix, ROC-AUC.
- Deployed as REST API using FastAPI, containerized with Docker, and integrated frontend with Streamlit.

Book Recommendation System | May 2025

- Created a content-based recommendation system using genre clustering and cosine similarity with TF-IDF vectorization on 5,000+ books.
- Deployed a real-time Streamlit web app for book suggestions based on user input.

Flight Price & Customer Satisfaction Prediction | Mar 2025

- Developed regression models (Linear Regression, Random Forest, XGBoost) for flight price prediction.
- Built classification models (Logistic Regression, Random Forest, Gradient Boosting) for passenger satisfaction.
- Performed feature optimization and hyperparameter tuning to boost accuracy.

CERTIFICATIONS [CERTIFICATE](#)

Data Science Certification — HCL GUVI | April 2025

Completed intensive training covering Python, SQL, and end-to-end data science projects.