

MOHIT SHARMA

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[Linked In](#) | [Github](#) | [Portfolio](#)

EDUCATION

Bachelor of Technology in Computer Science, GLA University, Mathura	7.77 CPI	June 2025
Intermediate, Murari Kunj SVM Senior Secondary School	83.8 %	May 2020
High School, Murari Kunj SVM Senior Secondary School	70.8 %	May 2018

PROJECTS

MU Algorithm Feb 2024 – Apr 2024
Developed a novel oversampling technique that improves logistic regression model accuracy from 95.22% (using SMOTE) to 99.78%. This method efficiently differentiates majority and minority classes, overcoming the limitations of SMOTE and ADASYN.

- **Innovative Algorithm:** Designed a unique oversampling method, enhancing model accuracy.
- **Significant Improvement:** Boosted logistic regression accuracy to 99.78%.
- **Robust Validation:** Ensured reliability and scalability across various datasets.

Credit Card Fraud Detection Apr 2023– May 2023
Implemented a credit card fraud detection system using EDA and machine learning models to predict fraudulent transactions. Utilized SMOTE and ADASYN to balance an imbalanced dataset (99:1 ratio), addressing overfitting issues.

- **Model Evaluation:** Compared Logistic Regression, Decision Tree, and Random Forest models.
- **Accuracy Improvement:** Post-oversampling accuracies: 96.80%, 98.63%, and 99.41%.
- **Data Balancing:** Applied SMOTE and ADASYN to correct model overfitting.

Real Estate Website Jun 2023 – Aug 2023
Developed a real estate website enabling users to create profiles, login/signup, and sell properties with geolocation verification. Users can search for properties based on criteria like price and location.

- **Technology Stack:** Built with MERN stack, HTML, CSS, and JavaScript.
- **User Authentication:** Implemented secure login/signup and profile management.
- **Property Verification:** Integrated geolocation to verify property authenticity.

SKILLS

Technical

C, Python, Java
Machine Learning
MERN Stack

Professional

Effective Communication Skills
Ability to identify and solve problems
Project management

EXTRA/CO-CURRICULAR ACTIVITIES

- 3rd Price in School Academics
- 5 Star in Java and Python on Hackerrank and 150+ Questions Solved on Leetcode
- Certification in Machine Learning and Claim the Learning Badges from Microsoft Learning Platform.

DECLARATION

I hereby declare that all the above mentioned information is true and correct to the best of my knowledge.