MOHIT SHARMA

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Linked In | Github | Portfolio

EDUCATION

Bachelor of Technology in Computer Science, GLA University, Mathura	**77.5 %**	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

SKILLS

- **Languages** - C, C++, Python, Java, SQL, HTML, CSS, JavaScript, PHP, Linux.
- **Technologies** - Machine Learning, Deep Learning, NLP, Flask, Data Science, Data Visualization, MySQL, Cloud Services.
- **Core Competencies** - Data Structures & Algorithms, Computer Networking, Operating Systems, Software Development Life Cycle (SDLC), Object-Oriented Programming (OOP).

INTERNSHIP/ TRAINING EXPERIENCE

Flymax Multi Service PVT. LTD. Mumbai   Jun 2024 – Aug 2024
Website Developer Internship

- Improved website performance, increasing load speed by 20% and Collaborated with teams for seamless integration.
- Developed templates for the company's internal project using PHP, WordPress, HTML, CSS, JavaScript, JQuery, and Ajax.

PROJECTS

Chatbot Using LLMs   May 2024 – Jun 2024

- Built a Flask-based chatbot for summarizing and querying PDFs using advanced NLP, ensuring a seamless user experience.
- Integrated **Transformer** models for text summarization and question answering.
- Utilized **Python**, **Flask**, **Hugging Face Transformers**, **PyTorch**, **pandas**, and **NLTK** for implementing and fine-tuning the chatbot.

MU Algorithm   Feb 2024 – Apr 2024

- Created a novel **oversampling technique**, increasing **logistic regression** accuracy from 95.22% to 99.78%.
- Enhanced class differentiation, surpassing the limitations of **SMOTE** and **ADASYN**.
- Validated method's reliability and scalability across multiple datasets.

Credit Card Fraud Detection   Sept 2023– Dec 2023

- Developed a credit card fraud detection system, addressing data imbalance (99:1) with SMOTE and ADASYN.
- Evaluated models: **Logistic Regression** (96.80%), **Decision Tree** (98.63%), and **Random Forest** (99.41%).
- Improved accuracy and mitigated overfitting through oversampling techniques.

Real Estate Website   Apr 2023– July 2023

- Enabled property search by price and location, with geolocation verification for authenticity.
- Used HTML, CSS, and JavaScript for the front-end.
- Developed a real estate website using PHP, MySQL, and WordPress with user profiles, secure login/signup, and property listing features.

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.