# MOHIT

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## SUMMARY

Final-year Computer Science and Artificial Intelligence student with strong skills in data structures, algorithms, and full-stack development. Completed projects involving AI and software engineering. Seeking internship or full-time role to apply technical knowledge and contribute to innovative technology solutions.

## EDUCATION

**B.Tech, Computer Science and Artificial Intelligence**                                    Graduating March 2026

Netaji Subhas University of Technology (NSUT), Delhi                                                     6.2 GPA

Relevant coursework: Data Structures and Algorithms, Machine Learning, Artificial Intelligence, Database Systems, Software Engineering

## TECHNICAL SKILLS

**Programming Languages:** C++, Python, Java
**Data Structures Algorithms:** Arrays, Linked Lists, Trees, Graphs, Sorting, Searching, Dynamic Programming
**Web Development:** HTML, CSS, JavaScript, React
**Databases:** MySQL, MongoDB
**Tools and Technologies:** Git, VS Code, Linux

## ACADEMIC PROJECTS

**SplitwiseAlgorithm**                                                                                2025

Designed and implemented an advanced algorithm in C++ to manage expense splitting efficiently. Demonstrated strong use of data structures such as maps and multisets to optimize performance.

- Developed efficient algorithms for tracking and balancing shared expenses among multiple users.
- Utilized C++ STL containers like maps and multisets to handle complex data relationships.
- Focused on algorithm optimization and problem-solving techniques to ensure scalability.

**Student Marks Classification and Visualization**                                                    2025

Built a machine learning classification model in Python to analyze and classify student performance data, combined with visualization for insights.

- Applied classification algorithms to predict student grades based on various features.
- Visualized data trends and classification results using Python libraries like Matplotlib and Seaborn.
- Enhanced understanding of data preprocessing, model training, and evaluation metrics.

## ACADEMIC PROJECTS

**LeetCode Problem Solving**                                                                       Present

Regularly solve algorithm and data structure problems on LeetCode to improve coding skills and problem-solving abilities.

- Practice a wide range of coding challenges to enhance speed and accuracy.
- Focus on advanced problem-solving techniques and optimization.

**Continuous Project Development and Skill Learning**                                              Present

Consistently build projects using modern technologies such as React, AI, and full-stack development while acquiring new technical skills.

- Develop real-world applications to gain practical experience.
- Explore new tools and frameworks to stay updated with industry trends.

## LANGUAGES

- English – Fluent (written and spoken)
- Hindi – Native proficiency