

Anshika Mishra

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EDUCATION

Vellore Institute of Technology

GPA 7.98

- Bachelor of Technology in Computer Science and Engineering

Oct 2022-present

Lucknow Public School

73%

- Class XII, CBSE

July 2022

Lucknow Public School

93%

- Class X, CBSE

May 2020

Technical Skills

- Languages and Tools:** Java, MySQL, JavaScript, HTML, CSS, Python, ReactJS, NodeJS, MongoDB.
- Core Competencies:** Data Structures and Algorithms, Database Management System, Computer Networks, Object-Oriented Programming.
- Software:** Oracle SQL Server, MongoDB, GitHub, Git, Statistics, Visual Studio Code.

PROJECTS

HouseHunt – Full-Stack Property Booking Platform | React, Node.js, MongoDB, SASS, JWT, MUI

- Developed a full-stack web application for property rentals and bookings, allowing users to list, browse, and book properties.
- Built with **React 18**, **Redux Toolkit**, **Material-UI**, and **SASS** on the frontend for responsive UI, drag-and-drop listings, and date-range selection.
- Engineered RESTful APIs using **Node.js** and **Express**, processing 200+ property listing requests per day with **99.99%** uptime, ensuring seamless data flow and reliable application performance.
- Features include property listing management, user login/signup, profile handling, booking system, and search/filter functionality.
- Project structured with separate client and server directories; uses .env configuration for environment-based deployment.
- Link- <https://github.com/Anshika005/HouseHunt>

Movie Recommendation System | Python, Pandas, Machine Learning, KNN, SVM

- Built a hybrid recommendation engine combining collaborative and content-based filtering using **K-Nearest Neighbors (KNN)** and **Support Vector Machine (SVM)**, applied on the TMDB dataset of over **5,000** movies.
- Implemented data preprocessing, Count Vectorization, and Cosine Similarity to generate personalized suggestions based on user behavior and metadata.
- Achieved high accuracy in recommendations by validating the system through Achieved Precision: 75%, Recall: 70%, and F1 Score: 72%, ensuring relevance and improving user satisfaction.
- Demonstrated advanced proficiency in Python, data cleaning, feature engineering, similarity computation, and machine learning evaluation for real-world user engagement applications.
- Link- <https://github.com/Anshika005/Movie-Recommendation-System>

CERTIFICATES

- Oracle Java Foundations Associate Apr 2025
- Full Stack Developer MERN Apr 2025
- Marketing Analytics, NPTEL Jan-Apr 2025
- IIT KGP Cloud Computing, NPTEL Jan-Apr 2024
- Google The Bits and Bytes of Computer Networking Dec 2023
- Simulink Onramp, MathWorks Oct 2022
- MATLAB Onramp, MathWorks Sep 2022

ACHIEVEMENTS

- Solved over **60+** SQL problems on LeetCode, demonstrating strong proficiency in MySQL query optimization, joins, subqueries, and data manipulation.
- Solved **120+** Java DSA problems on LeetCode as of **20th May, 2025**, actively practicing *Data Structures and Algorithms*.
- Participated in multiple hackathons (TCS CodeVita, ZS Campus Beats Case Challenge, KIRIT 5.0)

ADDITIONAL

- Languages:** Fluent in Hindi, English
- Hobbies:** Badminton (3rd runner up), Travelling, Photography, Dancing
- Soft Skills:** Decision Making, Canva, Content writing, Collaborative Project Execution, Analytical Thinker and Task Prioritization