

# Vaibhav Singh Chandel

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## EDUCATION

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### Amity School of Engineering And Technology

Bachelor of Technology in Computer Science CGPA -8.38/10

Gwalior, M.P

Aug. 2022 – May 2026

### Vidhya Vihar School

12th Mp board-P.C.M;Percentage-89%

Gwalior, M.p

July. 2021 – April 2022

### Dr.R.K.B.N. High School

12th CBSE - P.C.M; Percentage-83.8%

Gwalior, M.p

July 2019 – May 2020

## PROJECTS

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### Movie Recommendation System

July 2024

Tools/Libraries: Numpy , Pandas , Sklearn,nltk

- Developed a movie recommendation system using collaborative filtering techniques and content-based filtering.
- Utilized datasets containing movie metadata and credits from the TMDB database.
- Implemented data preprocessing and feature extraction using NumPy and Pandas.
- Applied machine learning models with Scikit-learn to generate personalized movie recommendations.
- [Github](#)

### Wine Quality Prediction

August 2024

Tools/Libraries: Numpy , Pandas , Sklearn , matplotlib, seaborn

- \* Developed a predictive model to assess wine quality using a dataset of chemical properties.
- \* Performed data preprocessing and feature selection using Pandas and NumPy.
- \* Visualized data correlations and multicollinearity with Matplotlib and Seaborn.
- \* Built and evaluated regression models with Statsmodels and Scikit-learn for accurate quality predictions.
- \* [Github](#)

## TECHNICAL SKILLS

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**Languages:** C, C++, SQL , HTML, Python

**Frameworks:** Pytorch, Streamlit

**Developer Tools:** Github, VS Code, PyCharm, Jupyter Notebook, Google Collab

**Libraries:** pandas, NumPy, Matplotlib, sklearn, NLTK

## RELEVANT COURSES

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- \* Data Structures and Algorithms
- \* Operating System
- \* Database Management System
- \* Machine Learning

## RESPONSIBILITIES AND ACHIEVMENTS

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- Solved above **150+** problems across platforms like [Coding Ninjas](#) and [LeetCode](#) .
- **Member** of Amity Coding club (ACC) in Amity University Gwalior.
- 4 STAR C++ AND PYTHON HACKERRANK