

Vaibhav Singh Chandel

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EDUCATION

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

10th Mp board - P.C.M; Percentage-83.8%

Gwalior, M.p

July 2019 – May 2020

PROJECTS

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](#)

AI-Powered Smart City Complaint System

March 2025

Tools/Libraries: Streamlit, LangChain, Gemini AI, MySQL

- Developed an AI chatbot for complaint registration, tracking, and providing city-related information.
- Built a secure authentication system and an admin dashboard for managing user complaints.
- Implemented complaint classification and prioritization with real-time analytics.
- Integrated AI-powered modules for automated responses and real-time city news updates.
- [Github](#)

TECHNICAL SKILLS

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

Frameworks: Pytorch, Streamlit,LangChain

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

Libraries: pandas, NumPy, Matplotlib, sklearn, NLTK

RELEVANT COURSES

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

RESPONSIBILITIES AND ACHIEVMENTS

- Solved above **350+** problems across platforms like [Coding Ninjas](#) and [LeetCode](#) .
- **Member** of Amity Coding club (ACC) in Amity University Gwalior.
- 5 STAR C++ AND PYTHON HACKERRANK [HackerRank](#)