Vivek Goel

+91-96534-56508 | vivek.goel@outlook.in | Linkedin Profile | Github Profile| My Website

EDUCATION

Veer Surendra Sai University of Technology — Burla, Odisha
Bachelor of Technology in Computer Science and Engineering — *2020 – 2024*

Ramsheth Thakur Public School — Kharghar, Navi Mumbai
Intermediate and Matriculation — *2016 – 2020*

PROJECTS

Book Recommendation System | *Project Link* — FEB 2023
- In this project I have created a Collaborative Filtering Based Recommendation System. In this project I have chosen more than 700 Books to make the recommender system.The Project has been deployed at Streamlit Cloud.

Olympic Data Analysis | *Project Link* — Jan. 2023
- This is an data science project on Olympic Games. The dataset selected here includes information from every Olympic Games until 2016. It consists of an in-depth analysis of every single detail of the Summer and Winter Olympic Games staged in various nations throughout the world. Here, I have analysed the data from the viewpoints of both current and potential players from various nations.

Movie Recommendation System | *Project Link* — Jan 2023
- I have developed a content-based movie recommendation system for this end-to-end project that offers 5 best picks depending on the film you've seen. It has a dataset of more than 4000 movies for recommendations. The unique movie poster is also loaded using the TMDB api. The finished product that was put into use also offers a section for well-known films and allows you to sort films by genre.

Students Adaptability to Online Learning | *Project Link* — JUL 2022
- With the help of some factors as input I was able to predict if the student can be adapted to online learning.
- The model made in this project has a weighted average F1 Score of 0.92.

Sports Person Identifier| *Project Link* — Feb 2022
- The ML model can identify a selected number of Sports Person from their photographs.

EXPERIENCE

Avionics System Lead — Jan 2023 – Present
VSSSIC — *Burla, Odisha*
- I am the Avoinics Lead of VSSSIC(Veer Surendra Sai Space Innovation Centre) which was established under the MOU with ISRO.
- I am also the lead of the data acquisition and analysis team.

Techno-Management Team member — Aug. 2021 – Present
Idea Innovation Cell — *Burla, Odisha*
- I am a techno-management team member of IIC(Idea Innovation Cell) which has organised many different events and space expo in our college.
- We also have Limca Book of records and India Book of records in our club's name for different technical projects.

TECHNICAL SKILLS

Languages: Python, C/C++, SQL, Arduino
Developer Tools: Git, VS Code, Visual Studio, PyCharm, Arduino IDE, Excel, Powerpoint
Libraries: pandas, NumPy, Matplotlib, Sklearn, Tensorflow, Seaborn, Plotly, Streamlit
Technologies: Machine Learning, Data Science, Deep Learning, Computer Vision, Arduino based subsystem

COMPETITIONS

Participated in Google HASHCODE — 2022
Inter College level Science and Math Exhibitions — 2019 - 2020
Game Jam Titans Winners (Mumbai) — 2016