Vivek Goel

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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
- More than 700 books were used to create this collaborative filtering-based recommendation engine for this project. 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. Have analysed the data from the viewpoints of both current and potential players from various nations.

Movie Recommendation System | *Project Link* — Jan 2023
- 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 this project can 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.

POSITIONS OF RESPONSIBILITY

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

Techno-Management Team member — Aug. 2021 – Present
Idea Innovation Cell — *Burla, Odisha*
- 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, PyCharm, Arduino IDE, Thonny, 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) — 2015