GAURAV RAJ

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EDUCATION

B.Tech - Computer Science and Engineering
Indian Institute of Information Technology Vadodara
📅 August 2019 – Present

CBSE - 12th Class
Subhash Chandra Bose Universal School
📅 2017–18 (**77.4%**)

CBSE - 10th Class
Subhash Chandra Bose Universal School
📅 2016 –17 (**Grade: 10 CGPA**)

ACHIEVEMENTS

- Attained 910.3 points in HackerRank in the problem-solving category (Gold Badge: 5-star).
- Over 160 problems of Data Structures and Algorithms were successfully submitted on LeetCode
- Achieved first place in the CBSE board's 10th and 12th grades in school.

SKILLS

- Languages : Java, Python, C, HTML5, CSS3
- Python Libraries : NumPy, Pandas, Matplotlib, Seaborn
- Libraries : React JS (Javascript Library), BootStarp
- Framework : Django (MVT), Django REST framework
- Developer Tools : VSCode, Git Github
- Database : MySQL
- Coursework : Problem Solving, Data Structures and Algorithms, Object Oriented Programming, Database Management System, Operating Systems, Software Engineering, Computer Networks, Information Retrieval

LINKS

- Github: https://github.com/9771-raj
- LeetCode : https://leetcode.com/gaurav_raj980
- HackerRank : https://www.hackerrank.com/GauravRaj980
- CodeChef : https://www.codechef.com/users/gaurav_raj980

PERSONAL PROJECTS

Movie Recommender System

- In accordance with the content of the selected movie, the application recommends the top five movies
- Implement Natural Language Processing algorithms for content-based recommendations
- Dataset used : TMDB
- The following Python libraries were utilized: pandas, scikit-learn, and NLTK
- For building the website, used Streamlit

Weather and Top News Headlines

- The application will display the current temperature of a city when you type in its name.
- Detailed headlines of today's top news are also shown.
- Used APIs: News API and Weather API.
- Developed it in React JS.
- Github Link : https://github.com/9771-raj/newsbriefing_and_weather

Blogs and Confessions Website

- Developed it in Django (Python Web Framework).
- Confessional and blog platform where readers and writers can read and write blogs.
- Authentication was performed with Django admin.
- The user has the ability to perform CRUD operations (create, retrieve, update, and delete) by using Django's most appropriate ORM technique, MVT architecture.
- DBMS used: SQL
- Deployed on the Heroku using Github.
- Website Link: https://gaurav-blog-confession.herokuapp.com/

CERTIFICATES

- NVIDIA DLI Certificate for the successful completion of Fundamentals of Deep Learning.
- Certificate of completion of the **Python** course from **kaggle**
- Certification of completion of the **Introduction to Machine Learning** course offered by **Kaggle**
- Certificate of completion for **HTML5 and CSS3** introduction from the **University of Michigan** on **Coursera**