Abhinav Giri

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EDUCATION

UPES, Dehradun <div align="right">2022-2026</div>
B.Tech CSE - Full Stack AI <div align="right">CGPA: 7.59/10</div>

The Tonsbridge School <div align="right">2021-2022</div>
Senior School Certificate <div align="right">Percentage: 81.4/100.0</div>

Shemford Doon <div align="right">2019-2020</div>
Secondary School Certificate <div align="right">Percentage: 97.2/100.0</div>

SKILLS

- **Programming Languages:** Python, C++, C, HTML, CSS, JavaScript

- **Technical Skills:** Machine Learning, Data Analysis, Object Oriented Programming, Database Management System

- **Data Visualization:** Microsoft Power BI, Excel

- **Libraries:** React, NumPy, Pandas, Matplotlib, Seaborn

- **Developing Tools:** GitHub, VS Code, Jupyter Notebook

- **Soft Skills:** Presentation, Planning, Organized, Creative Problem-Solving, Teamwork, Active Listening, Adaptability, Analytical Thinking

PROJECTS

Web Scraping (Code)

Python, Flask, requests, BeautifulSoup, urllib

1. Developed the backend application using Flask to handle user input and search queries.

2. Implemented scraping logic to extract product reviews from Flipkart using BeautifulSoup.

EDA Forest Fire (Code)

Python, pandas, numpy, matplotlib, seaborn, Scikit-learn
1. Analyzed a dataset on forest fires in Algeria using Python and various data analysis libraries.

2. Conducted data cleaning, encoding categorical variables, and feature selection based on correlation analysis.

Movie Recommendation System (Code)

Python, pandas, numpy, Scikit-learn
1. Analyzed a dataset on Hollywood movies using Python and various data analysis libraries.

2. The project involves merging movie datasets, extracting and processing text features, and implementing a movie recommendation system based on cosine similarity scores.

Spell Checker (Code)

C++, Damerau-Levenshtein Distance, Prefix Trie
1. Allows users to input a word, sentence, or paragraph to identify and correct spelling mistakes automatically.

2. Outputs the corrected text with all errors fixed.

TECHNICAL ACHIEVEMENTS

- **HackerRank Badges** earned gold and silver badges in Python and C respectively. HackerRank