Abhinav Giri

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EDUCATION

B.Tech Computer Science and Engineering *UPES* **CGPA, 7.94/10** *2022-2026*

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. Created a user-friendly web interface with Flask for inputting 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.

- **Weather App** (Link)

  HTML, CSS and JavaScript

  1. Displays current weather conditions like temperature, humidity, wind speed

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

TECHNICAL ACHIEVEMENTS

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

- **Collaborative Projects** Collaborated in the development of a website for the Ozone Student Society (SOHST), currently hosted on Netlify and pending public launch. Website