Abhinav Giri

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EDUCATION

UPES, Dehradun   2022-2026
B.Tech CSE - Full Stack AI   CGPA: 7.94/10

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

EXPERIENCE

Intern at ONGC, Dehradun   Dec 2024 - Jan 2025

Worked on the development of a text summarizer.   (Code)

Python, Flask, React.js, Transformers, GoogleTranslator API
1. Built a Flask-based API for text summarization using the Facebook BART-Large-CNN model.

2. Integrated translation functionality with GoogleTranslator API.

PROJECTS

Personal Finance Manager   (Code)

MERN Stack (MongoDB, Express.js, React.js, Node.js)
1. Designed a responsive web app with secure authentication, a dashboard for tracking expenses.

2. Integrated features for financial insights (charts), report downloads, and settings updates for a seamless user experience.

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.

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.