

Adarsh Joshi

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Education: B.Tech in Computer Science and Engineering from Graphic Era (deemed to be) University, Dehradun.

Current GPA: 8.7/10

GitHub: <https://github.com/AdarshJoshi20>

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INTERNSHIP

- **Website Developer and Manager** (Apr'23- Oct'23)
 - Developed a website for a private firm **HP Realty** based in New York, USA <https://www.mohitkhakat.com/>
 - Used SEO and SEM techniques to improve the website's visibility.
 - **Internship Certification:** <https://drive.google.com/file/d/1lDVsrH-ZcPyMrEhzeZvyvAJwcZA7sG16/view?usp=sharing>

PROJECTS

- **Music Recommender System** (Feb'23-Mar'23)
 - **Project Outcome:** Built a recommendation system that can recommend songs to the user based on songs from a dataset containing 1M+ songs.
 - This project helped me gain a thorough understanding of machine learning.
 - The project was based on Content filtering, which was then deployed using a simple GUI.
 - **Tools Used:** Python, JavaScript, NumPy, Streamlit, Heroku.
- **AI based mental health therapist chatbot** (May'24-July'24)
 - **Project Outcome:** Developed a mental health therapist chatbot that provides users with a safe space to discuss about their mental health.
 - This project helped me gain a good understanding of Natural Language Processing (NLP) techniques like TF-IDF, NLTK's tokenizer and LSTM (a recurrent neural network).
 - This is a generative chatbot, i.e it can learn based on the input provided by the user.
 - **Tools Used:** React, Node.js, MongoDB, Express, and Bootstrap.
- **Web Scraping and Generating Dataset** (Aug'23-Sep'23)
 - **Project Outcome:** Built a tool for scraping the e-commerce website Flipkart.
 - Scraping the website helped in generating datasets that can then be used for market analysis and price-to-performance comparison of products.
 - **Tools Used:** Python, BeautifulSoup, Pandas, openpyxl.

TECHNICAL SKILLS

- **Database:** MySQL, MongoDB.
- **Machine Learning Tools:** TensorFlow, NumPy, Pandas.
- **Languages:** C/C++ (proficient), Python (proficient), Java (proficient), JavaScript (proficient), SQL, R, Bootstrap.
- **Tools and Frameworks:** Eclipse, NodeJs, Git, GitHub, React, Arduino IDE, CloudSim.

ACHIEVEMENTS & CERTIFICATIONS

- Solved more than 200 DSA problems on Leetcode and Geeks For Geeks.
- Mastering Data Analysis with **Pandas** (certificate)
- The Web Developer Bootcamp by Udemy. (certificate)
- Complete Python Bootcamp by Udemy. (certificate)

POSITIONS OF RESPONSIBILITY

- (2022): Served as a "Content Writer" for the yearly magazine of the Literary Society of Graphic Era University.
- (2020): Organised a citywide cleaning program as a member of "Harela Society" in my hometown, Pithoragarh.