

SUHAIL AHMAD BHAT

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Academic Qualifications:

Course	College/School	% / CGPA
B.S in Programming and Data Science(2021-2022) (ongoing) (Online)	Indian Institute of Technology Madras (IIT Madras)	7 (current)
BCA (2019-2022) (Ongoing)	University of Kashmir	9.01(current)
Class XII (2017)	T.I.A.I, Nasirabad, Kulgam, J&K	86.8
Class X (2016)	Sawa-Us-Sabeel Educational Inst., Khandipora, Kulgam, J&K	9.40

Technical Skills:

- **Languages:** Python, C, C++(Basics), Java (Basics)
- **IT Constructs:** DS and Algorithms, Web Development, OOPS, DBMS, ML
- **Development tools:** Microsoft Visual Studio Code, Eclipse, Colab Notebook
- **Frameworks:** Flask(basics), Vue.js(Basics)
- **DB language:** SQL, SQLite, MySQL
- **Other Technologies:** HTML, CSS, JS(Basics), GitHub, Excel, Linux Commands, Scikit Learn for ML

Projects:

- **Flashcard Web Application:** ([SuhailAhmad1/FlashCard_v1 \(github.com\)](https://github.com/SuhailAhmad1/FlashCard_v1)): Flashcards are used for memory training. In this project user can have multiple decks each containing few questions/cards to remember. Core functionalities in this project: User Login, Dashboard, Deck Management. **CRUD**(Create, Read, Update, Delete) operations were implemented. Concepts/Technologies used: **HTML5, CSS, Jinja2** for frontend and **Flask(python), SQLite(database), SQLAlchemy(ORM)** for backend.
- **Web Scrapping Using Python:** ([SuhailAhmad1/Scapping_data_from_web \(github.com\)](https://github.com/SuhailAhmad1/Scapping_data_from_web)): Project on web scrapping using Python. In this project data has been scrapped from different URLs. Different types of data (like imdb top 250 rated movies, Data about IIT Madras from Wikipedia etc. etc.) has been scrapped and stored in a csv file. Concepts used : **Python, Python's BeautifulSoup, Nominatim API, Wikipedia API, Tabula, Pandas.**
- **Machine Learning Projects:** ([SuhailAhmad1/Machine_learning \(github.com\)](https://github.com/SuhailAhmad1/Machine_learning)): In this project I have implemented the algorithms of Machine Learning such as **Linear Regression, Polynomial Regression, Logistic Regression, Perceptron, Naïve Bayes, KNN** and many more. I also did some pre processing techniques like handling the missing values using **SimpleImputer and KNNImputer**, Encoding of Categorical data using techniques like **OneHotEncoding, LabelBinizer, OrdinalEncoding** etc etc.
- **Scrapping Data from amazon website :** ([SuhailAhmad1/python_assignment_solution.ipynb at main · SuhailAhmad1/SuhailAhmad1 \(github.com\)](https://github.com/SuhailAhmad1/python_assignment_solution.ipynb)): Developed a program that gets the data about bags present first 20 pages in amazon website. This project got the Product name, Product rating, Product URLs and Number of reviews for each product. It stored the data of each product in a csv file. Concepts used: **Python, BeautifulSoup, Pandas.**

Certificates and Achievements:

- Four stars in Python on HackerRank (<https://www.hackerrank.com/suhiinu>)
- Python(basic) Test Certificate from HackerRank (<https://www.hackerrank.com/certificates/99b0ccb99a00>)
- Foundation Level Certificate in Programming and Data Science from IIT, Madras. (https://drive.google.com/file/d/195lauvBdE1rrtLq3y555fER5_1iUpAv/view?usp=sharing)
- Diploma in Data Science from IIT Madras (completed in September 2022) <https://drive.google.com/file/d/1SLvFbpn0hl29FQ4noCB5jZyoOqkhRkOs/view?usp=sharing>
- College Topper in every Semester till now.
- Certification of appreciation for contribution towards General Student Body, from IIT Madras. (<https://drive.google.com/file/d/1ucxRDIIdwJgQbDIJYqmfUJUshASLf2m4C/view?usp=sharing>)