Barun Kumar

Master of Computer Application

Galgotias University

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Educational Qualifications

Year	Degree	Institute	Performance
2023 - Present	MCA	Galgotias University	7.5/10.0
2019– 2022	BCA	Annada College, Hazaribagh	7.21/10.0
2019	Class 12th – JAC Board	SRSSR High School, Suriya	1st Div
2017	Class 10th – JAC Board	SRSSR High School, Suriya	1st Div

Technical Skills

- **Programming Languages -** C, Python, Java, Javascript,Machine Learning
- **Modules/Libraries -** Numpy, Pandas, Matplotlib, Sklearn,
- **Utilities -** SQL, Github, HTML, CSS, Canva ,Oracle

Key Projects

Gmail Spam Detection

February'23

- Developed a robust Gmail Spam Detection system utilizing Natural Language Processing (NLP)
- Utilized Python libraries like **Sklearn** for pre-processing the text into a vector for model training
- Used **Multinomial Naive Bayes Classifier** to classify emails as spam/not spam using discrete features

Movie Recommendation System

December'22

- Developed a movie recommendation system using machine learning algorithms.
- Implemented collaborative filtering and content-based filtering techniques to suggest movies based on user preferences.
- Utilized Python libraries like Pandas and NumPy for data preprocessing and feature extraction.

Hotel Management Website   *May'22*

- Developed a comprehensive hotel management website with booking functionality and trip packages
- Leveraged web-dev skills in **HTML**, **CSS**, and **JavaScript** to create a user-friendly and responsive interface.
- Utilized **Git** for efficient code management and collaboration, showcasing strong technical practices.

Relevant Courses

Data Structures and Algorithms	Data Communication	Database Management System
Software Testing and Engineering	Computer Architecture	Web Technology

Extra-Curricular Activities

- Participated and won in the coding competition organized by Galgotias University.
- Codechef rating of 200324
- Qualified to play for final (Delhi qualifier) in Battlegrounds Mobile India (PUBG India).
- Participated and won in district level cricket competition.