

# TUSHAR BASAK

[Website](#) | [LinkedIn](#) | [GitHub](#) | [HackerRank](#)

Location: Kanpur, U.P, India

Email: [tushar.basak@yahoo.com](mailto:tushar.basak@yahoo.com) | Mobile: [8299312126](tel:8299312126)

## ANALYST

Highly motivated and analytical professional seeking the position of Intern Analyst at Zepto. Eager to leverage my skills in data analysis, algorithm development, and business process improvement to optimize demand and supply data, drive efficiencies, and contribute to the success of **Zepto's operations**.

## EXPERIENCE

### MedTourEasy

*Data Engineer Trainee*

May 2023 – May 2023

- Developed **content-based recommendation system** system for cosmetics.
- Enabled **personalized product recommendations** based on chemical compositions.

## EDUCATION

### Manipal University Jaipur

*Master of Computer Application*

Jaipur, Rajasthan, India

May 2021 – June 2023

- I have done Seminar on the topic **In-Memory Data Management**.
- I have completed a specialization in both **Open Source DB Systems** and **Cloud DB System**.
- I achieved a score of **80%** without any backlogs.

## PROJECTS

### Real-Time Stock Market Data Processing Engine

*Manipal University Jaipur*

[Source Code](#)

Apr 2023 – June 2023

- Developed a real-time data processing and analysis project using Apache Kafka and AWS services, focusing on extracting and transforming data from a pre-recorded dataset.
- Implemented a Python-based mechanism to extract data from a CSV file and established a continuous stream of data using Apache Kafka, ensuring a consistent inflow of records for real-time analysis.
- Utilized AWS services such as Amazon S3, AWS Glue Crawler, and Athena for efficient data storage, cataloging, and querying, enabling seamless exploration and analysis of the processed data.

### Analysis of Chemical Components

*MedTourEasy*

[Source Code](#)

May 2023 – June 2023

- Preprocessed and analyzed dataset of 1472 cosmetics from Sephora.
- Utilized word embedding and t-SNE for dimensionality reduction.
- Created interactive visualization using Bokeh.
- To implement efficient data management and retrieval techniques.

## TECHNICAL SKILLS

**Languages** : Java, and Scala.

**Frameworks** : Apache Kafka, Apache Spark, Apache Hive, and Apache Airflow.

**Libraries** : KStream.

**Databases** : Apache Hive, and Amazon S3.

**Dev Tools** : Docker, and Kubernetes.