

ACADEMIC QUALIFICATIONS

Year	Degree	Institute	Performance (CPI/%)
2021 - 2023	MCA	Manipal University Jaipur	8.92/10.0
2019	B.Sc.	Subharti University, Meerut	68.5%
2016	Class XII (ISC)	St. Aloysius High School, Kanpur	60%
2014	Class X (ICSE)	St. Aloysius High School, Kanpur	71.8%

WORK EXPERIENCE

Data Engineering Trainee, MedTourEasy

(May'23-June'23)

Mentor: Ankit Hasija (Training Head)

Objective	<ul style="list-style-type: none">Complete a self-paced 4-week Data Engineering Traineeship.Master fundamental skills in Data Engineering, including data ecosystem and lifecycle, Python programming, ETL, SQL, and relational databases.
Apporoach	<ul style="list-style-type: none">Engage in a combination of theoretical and hands-on learning.Collaborate with Coursera course "Data Engineering Foundations" by IBM.Work on projects incorporating various data formats, ETL processes, APIs, webscraping, and SQL.
Outcome	<ul style="list-style-type: none">Demonstrated mastery of fundamental Data Engineering skills.Proficiency in Python programming, data manipulation, and querying real-world datasets.Ability to tackle foundational Data Engineering challenges and projects.

KEY PROJECTS

Real-Time Stock Market Data Processing Engine 🔄

(Manipal University Jaipur)

(April'23-June'23)

Objective	Develop real-time data processing and analysis using Apache Kafka and AWS services.
Approach	Implemented Python-based mechanism for data extraction. Established continuous data stream with Apache Kafka. Utilized AWS S3, Glue Crawler, and Athena for efficient storage and querying.
Outcome	Successful real-time data processing and analysis. Seamless data exploration. Enhanced expertise in Apache Kafka and AWS services.

Analysis of Chemical Components 🔄

(MedTourEasy)

(May'23-June'23)

Objective	Develop content-based recommendation system for cosmetic products.
Approach	Data preprocessing, NLP, t-SNE for dimensionality reduction, interactive Bokeh visualizations.
Outcome	<ul style="list-style-type: none">Personalized cosmetic product recommendations based on ingredient similarities.Enhanced shopping experience. Gained data engineering skills in preprocessing, NLP, and visualization.

POSITIONS OF RESPONSIBILITY

City President, BloodConnect Foundation

(Apr'23-Dec'23)

Leadership	<ul style="list-style-type: none">Spearheading 2-tier team of 20+ students to foster and promote a noble cause initiative.Efficiently managing a budget of INR 2.5 lpa for events, overseeing seamless reimbursement procedures
Initiatives	<ul style="list-style-type: none">Improved helpline process, implementing procedures for enhanced response time and customer satisfaction.
Impact	<ul style="list-style-type: none">Organized 20+ blood donation camps, collecting 1K+ units of blood, and impacting 3K+ lives in Kanpur.Encouraged and inspired the campus community to actively participate in saving lives through blood donation.

EXTRA ACADEMIC ACTIVITIES

- Office Bearer with the Portfolio of Cultural Coordinator.
- I have done Seminar on the topic In-Memory Data Management.
- The elective subjects for a specialization were in both Open Source Database Systems and Cloud Database Systems.
- I have also completed a specialization in Data Engineering on Coursera. [View](#)
- I have participated in the Cloud Security Challenge up to Level 3 on the Google Cloud Platform. [View](#)

SKILLS

Languages: Java, Python, and Scala.

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

Libraries: KStream, Scikit-learn and Apache Hadoop.

Databases: Apache Hive and Amazon S3.

Dev Tools: Docker and Kubernetes.