

ACADEMIC QUALIFICATIONS

Year	Degree	Institute	Performance (CPI/%)
2021 - 2023	MCA	Manipal University Jaipur	8.92/10.0
2017 - 2019	BSc	Subharti University, Meerut	68.5%

WORK EXPERIENCE

Data Engineering Trainee, MedTourEasy

(May'23-June'23)

Mentor: Ankit Hasija (Training Head)

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

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"><li>Personalized cosmetic product recommendations based on ingredient similarities.</li><li>Enhanced shopping experience. Gained data engineering skills in preprocessing, NLP, and visualization.</li></ul>

POSITIONS OF RESPONSIBILITY

City President, BloodConnect Foundation

(Apr'23-Dec'23)

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

EXTRA ACADEMIC ACTIVITIES

- Office Bearer with the Portfolio of Cultural Coordinator.
- Seminar topic: In-Memory Data Management.
- Specialized in both Open Source Database Systems and Cloud Database Systems as elective subjects.
- Proficient in English language skills, as demonstrated by EFSET certification. [View](#)
- Completed a specialization in Data Engineering on Coursera. [View](#)
- Participated in the Cloud Security Challenge up to Level 3 on the Google Cloud Platform. [View](#)

SKILLS

Languages: Python, and SQL.

Libraries: Pandas, NumPy, Matplotlib, Scikit-learn and Apache Hadoop.

Databases: SQL (PostgreSQL and T-SQL), Apache Hive and Amazon S3.

Dev Tools: Jupyter Notebooks, Excel, Tableau, Power BI, Docker and Kubernetes.