

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%               |

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](#)

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 <b>self-paced 4-week Data Engineering Traineeship</b>.</li><li>• Master fundamental skills in Data Engineering, including <b>data ecosystem</b> and <b>lifecycle</b>, <b>Python programming</b>, <b>ETL</b>, <b>SQL</b>, and <b>relational databases</b>.</li></ul>                                       |
| Apporoach | <ul style="list-style-type: none"><li>• Engage in a combination of <b>theoretical</b> and <b>hands-on learning</b>.</li><li>• Collaborate with <b>Coursera course "Data Engineering Foundations"</b> by IBM.</li><li>• Work on projects incorporating various data formats, <b>ETL processes</b>, <b>APIs</b>, <b>webscraping</b>, and <b>SQL</b>.</li></ul> |
| Outcome   | <ul style="list-style-type: none"><li>• Demonstrated mastery of fundamental Data Engineering skills.</li><li>• Proficiency in <b>Python programming</b>, <b>data manipulation</b>, and <b>querying real-world datasets</b>.</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 <b>Apache Kafka</b> and <b>AWS</b> services.  |
| Approach  | Implemented Python-based mechanism for data extraction. Established continuous data stream with <b>Apache Kafka</b> . Utilized <b>AWS S3</b> , <b>Glue Crawler</b> , and <b>Athena</b> for efficient storage and querying. |
| Outcome   | Successful real-time data processing and analysis. Seamless data exploration. Enhanced expertise in <b>Apache Kafka</b> and <b>AWS</b> services.   |

Analysis of Chemical Components

(MedTourEasy)

(May'23-June'23)

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

POSITIONS OF RESPONSIBILITY

City President, BloodConnect Foundation

(Apr'23-Present)

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

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.