

## **Ritam Bhattacharya**

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### **Objective**

Innovative Data Scientist focusing on real-time data applications and streaming analytics. Experienced with big data ecosystems and end-to-end ML workflows.

### **Work Experience**

#### **Senior Data Scientist, Nebula AI (2021–Present)**

- Architected ML pipeline using Spark MLlib for user behavior prediction.
- Led project integrating ML into a real-time recommendation system.
- Mentored junior data scientists in model lifecycle management.

#### **Data Engineer Intern, Infoscope Pvt Ltd (2019–2020)**

- Built data lakes on AWS and created Spark-based ETL workflows.

### **Education**

M.Tech in Data Engineering – IIT Hyderabad (2017–2019)

### **Skills**

- **Languages:** Python, Scala, SQL
- **Big Data:** Spark, Hadoop, Airflow
- **Cloud Platforms:** AWS (EMR, S3, Lambda), Azure
- **ML Frameworks:** MLlib, Scikit-Learn

### **Projects**

- **Real-Time Recommender** – Spark Streaming + Kafka based recommender for news articles.
- **Predictive Maintenance** – Developed system for anomaly detection in manufacturing lines.
- **CI/CD for ML** – Built pipelines using MLflow and GitHub Actions.