

# Rahul Sharma

Big data engineer

 [Introduction video](#)

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Bangalore / Bengaluru

## Education

### B.tech

8.72 (Grade) · Jul, 2015 - Jun, 2019 · Oriental Institute of Science & Technology College

## Recent Projects

### Customer Order Prediction timeline

Aug, 2022 - Present

[Project Link](#) 

Created a scalable system with the capacity to forecast clients' purchasing patterns based on past purchases. Analysing customer purchase history and predicting new incoming orders from customers in certain areas so that product can be made available in advance at the warehouse to fulfil customer demand. Performed research on the best methods for obtaining necessary data from public sources, and put data loading pipelines into action. After the information has been gathered, it should be cleansed so that it can be analyzed and a new model may be developed to forecast product requirements in the warehouse based on potential incoming client requirements.

### Data Warehouse Design for an E-Commerce Site timeline

Jul, 2021 - Oct, 2022

[Project Link](#) 

This is a data warehouse implementation for an ecommerce website which sells digital and consumer electronics. A data warehouse is essentially a vast collection of data for a company that assists the company in making educated decisions based on data analysis. The data warehouse designed in this project is a central repository for an e-commerce site, containing unified data ranging from searches to purchases made by site visitors. By creating such a data warehouse, this website can handle inventory management, logistics, pricing for optimal profitability, and ads depending on searches and items purchased. Recommendations would be made based on tendencies in a certain area, as well as age groups, sex, and other shared interests.

## Portfolio Links

[→ GitHub](#)

## Key Skills

Apache Hadoop

Spark

Apache Airflow

Hive

Cassandra

Couchbase

MongoDB

Python

INFORMATICA

## Awards & Achievements

- Participated in a 24-hour hackathon in iNeuron.ai and Secured a second position.