

RAMGOPAL TUMMALA

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EDUCATION

Master's , Computer Science Portland State University	<i>Sep 2022 - Present</i> GPA: 3.6/4.0
Bachelor of technology , Computer Science KL University	<i>Aug 2018 - May 2022</i> GPA: 4.0/4.0

EXPERIENCE

Data Engineer Intern , Infosys, India *Sep 2021 - Feb 2022*
Assisted in the development of data pipelines to process and analyze large volumes of data using tools such as Apache Spark, Hadoop, Sqoop, Hive.
Demonstrated strong problem-solving skills, attention to detail, and ability to work independently or as part of a team.

Data Analyst Intern , Saint Louis University, Remote *Jan 2021 - Jul 2021*
Conducted data analysis on large datasets using tools such as SQL, Python to identify trends, patterns, and insights.
Created reports and dashboards to communicate findings to stakeholders, using data visualization tools such as Tableau.

SKILLS

Programming language: Python, Scala
Databases : MySql
Big data technologies: Hadoop, Spark, and Kafka
Data visualization : Tableau
cloud computing: AWS,GCP
NoSQL: HBase
Algorithms : data structures

PROJECTS

Walmart Data Modeling

- Collecting data: Data is collected from a relational database management system (RDBMS).
- Storing in HDFS: The data collected from the RDBMS is then stored in Hadoop Distributed File System (HDFS) using Sqoop.
- Creating Sqoop job: A Sqoop job is created to automate the process of incremental data transfer.

E-Commerce Data Pipeline

- Used tools such as Apache Hive, Apache Spark to handle large volumes of data
- Created a Sqoop job to automate incremental data transfer.
- Data was stored in Hadoop Distributed File System (HDFS) using Sqoop
- Pipeline included data ingestion, transformation, and loading into a data warehouse

Retail Analytics

- Transformed data from csv to RDBMS for Transaction purpose and analytical purpose
- Created a Sqoop job to automate incremental data transfer.
- Created Hive table for analytical purposes
- Created Tableau chart for better understanding