

SATYA DEV

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DATA ENGINEER

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## Experience Summary:

- Having 5+ years of experience in application maintenance and development activities.
- Around 3+ years of experience as a Data Engineer.
- Technically Sophisticated experience in **Hadoop/Spark Developer**.
- Good understanding of Spark Architecture including **Spark Core, Spark SQL, Data Frames, Spark Streaming**, with hands on experience in SQL query analysis and Knowledge in Unix and Hadoop cluster commands.
- Employed Amazon Cloud Computing Services like **S3 for secure storage** of data, **Athena** to implement query-based Search and Code Commit, Code Pipeline to spin up **EC2 instances and S3 buckets** to deploy the app on the cloud.
- Experience in creating tables, **Partitioning, Bucketing**, loading and aggregating data using Hive.
- Good knowledge in Migrating the coding from Hive to Spark using Spark SQL, Spark RDD and Scala.
- Extensively involved in the development of Datastages and quality stage ETL process for extracting data from different data sources, data transformation and loading the data into data warehouse from data mart operations
- Experience with AWS cloud services: **EC2, S3, IAM, Redshift , Glue, EMR, Athena, API gateway, SNS, SQS, Step Functions, Cloud Watch, AWS CLI, Lambda Functions, boto3**,
- Have strong knowledge in writing SQL and building optimized queries.
- Dynamic team player who is consistently motivated toward success and completion of projects with an ability to work independently.
- A quick learner who can swiftly adapt to new challenges.

## Education:

B. Tech (Computer Science and Engineering) from **Amrita University**, Coimbatore and graduated in 2017.

## Skills:

Python, Scala, Spark, HDFS, Sqoop, Hive, Hbase, Cassandra, Spark Streaming, Airflow, Kafka, Linux, AWS (Athena, Cloud Formation, S3, EC2, EMR, Redshift, Glue, Lambda) GitHub, Jira

## Professional Trainings:

Attended various trainings on Databricks.

## Work Experience:

**Company:** LTI , Bangalore (May 2022 – Sep 2022 )

**Position :** Permanent

**Project Name :** AT&T

**Project Details:**

Data is being loaded to Hadoop and we used to check any mismatch in end data.

**Company:** LEGATO HEALTH TECHNOLOGIES, Bangalore (June 2021-Jan 2022)

**Position :** Permanent

**Project Name:** COGX

**Project Details:**

Cogx – Cognitive claims which is a predictive marketplace ecosystem across the claims process flow can be enabled through the AI platform that provides business predictive insights in real-time and integrates with key source and reference data systems. Cognitive Claims business objective is to replace existing functionality to a Python API based solution for referencing data, create model recommendations and model reasoning data for UI client with inclusion of housekeeping functionalities

**Key responsibilities:**

- Pulling the data from source systems using ETL frameworks using spark , scala and loading it to hive tables.
- Pulling the data from the hive tables and creating the Json and loading the Json data to Hbase tables
- Data is being loaded in Production using Control-M triggering and it is being monitored.
- Acknowledged for Release management activities

**Company:** INFOSYS, Bangalore (November 2017 – May 2021)

**Project Name:** TalkTalk

**Position :** Permanent

**Project Details:**

Sales forecasting helps to sales members / managers/CTO's planning their future activities, providing

each of them with a business plan for managing their territory. PA is the tool that helps them identifying the necessary sales teams to meet their targets. The more accurate the sales forecast, the better prepared your company will be to manage its inventory, avoiding both overstock and stock-out situations.

#### Key responsibilities:

- Worked exclusively on making applications complete end-end automation, easy deployable, more scalable and highly available system in AWS
- End to end automation on pulling data from various sources using AWS Glue
- End to end setup for DR & resiliency.
- Generate all kind of Alerts
- Involved in preparing documents before every release.

#### Extra-Curricular Activities

- Selected as Head of SMS Communication for Amrita Centre for Entrepreneurship.
- Member of Computer Society of India (CSI).
- One of the sports representative from CSE department