

Sapna Namdeo Chavan

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OBJECTIVE

To achieve a challenging position in an organization that recognizes the potential to excel in performance not as an individual but also as an organization.

CAREER SUMMARY

- **3.6 Years of Extensive Experience** in different domains in IT industry.
- Presently working as a **Big Data Developer** with Advent Informatics Pvt Ltd.
- Experienced in building Spark application, RDD, Dataframe, Dataset also submitting Spark job
- Having good expertise in Hadoop tools like MapReduce, HiveQL, Sqoop.
- Experienced in working with Amazon Web Services (AWS) using EC2 for computing and S3 as storage mechanism.
- Experience in creating tables, partitioning, bucketing, loading and aggregating data using Hive.
- Good understanding of Spark Architecture including Spark Core, Spark SQL, Data Frames,.
- Hands-on experience in SQL query analysis and Knowledge in Unix Commands and Hadoop cluster commands.
- Good understanding of NoSQL databases and hands on work experience in writing applications on NoSQL databases like HBase and Cassandra.
- Involving in Importing/Exporting data to/from RDBMS using Sqoop.

TECHNICAL SKILLS

- **Platforms** : Windows, Linux/ Ubuntu
- **Programming language** : Java , Python
- **Database** : AWS RDS , MySQL , PostgreSQL , Oracle
- **NoSQL Databases** : Cassandra, HBase
- **Big Data Ecosystem** : Apache Hadoop , Sqoop , Hive, Spark
- **IDE** : Anaconda Jupyter , PyCharm
- **Cloud Technologies** : Databricks , AWS (S3, EC2,EMR ,RDS , IAM, LAMBDA,GLUE, REDSHIFT)
- **Other tools & technology** : NIFI , JIRA , AGILE & GITHUB

WORK EXPERIENCE

- **Organization** : Advent Informatics Pvt Ltd
- **Designation** : Big Data Developer
- **Location** : Pune
- **Duration** : From 02 July 2019 to Till Date

- **Organization** : Satish Motors Pvt Ltd
- **Designation** : Customer Relationship Executive
- **Location** : Aurangabad
- **Duration** : From 03 November 2017 to 30 April 2019

- **Organization** : Radhai Mahavidyalaya
- **Designation** : Assistance Professor
- **Location** : Aurangabad
- **Duration** : From 02 January 2012 to 31 October 2017

PROJECT

Project # 1 : Data Analytics for Retail Domain

Duration: April 2021 to Till Date

Role : Big Data Developer

Project Domain : Retail

Description : The purpose is to help our client to continuously process huge amount of data for various requirements such as : customer retention, new acquisition, improving sales and ultimately increasing profits.

Tools & Technologies : AWS , Databricks , Pyspark , Python , MySQL

Roles & Responsibilities :

- Import Data from Landing Zone .
- My task is to clean , transform and aggregate data in Data bricks resulting in speed improvements in the Production.
- Make use of Spark engine to built our business logic to process the data.
- In Spark engine, I extensively used DataFrame or Spark SQL API's.

Project # 2 : Enterprise Data warehouse Analysis

Duration: Oct 2019 to Mar 2021

Role : Big Data Developer

Project Domain : Telecommunication

Description : The Purpose of Project is to do the ingestion of the Telecom data that is present on cloud storage as well as Clients Database to Data pipeline which was modelled as per the client.

Tools & Technologies : RDS(Postgres), HDFS , HBase , Hive, Pyspark, AWS, Phoenix , S3, EMR.

Roles and Responsibilities :

- Import Data into the Hive from various Relational Databases (Oracle, MYSQL Server) into HDFS using Hbase.
- Ingest Flat Files like Delimited, Fixed Length, etc. into Hive Warehouse.
- Engage with BA to understand the requirements clearly.
- Designed both Managed and External Hive Tables and Defined static and dynamic partitions as per requirement for optimized performance on production datasets.
- Perform optimization techniques in order to enhance performance.
- Worked with various File Formats like Text File, Sequence File, ORC Files, Parquet Files and various Compression Formats like Snappy, bzip2.
- Written Hive Queries for Data Analysis to meet the business requirements.
- Processing, performing transformation on data as per business logic
- At the end uploading the output data to output directory on S3.

EDUCATIONAL DETAILS

- **Master of Computer Science** from Dr. Babasaheb Ambedkar Marathwada University (BAMU) in the academic year - 2011
- **Bachelor of Computer Science** from Dr. Babasaheb Ambedkar Marathwada University (BAMU) in the academic year - 2009

PERSONAL DETAILS

Date of Birth : 12th October 1987
Languages known : English, Hindi and Marathi
Gender : Female
Nationality : Indian
Marital Status : Married

I hereby declare that the above information given is true and correct to the best of my knowledge and belief.

Date:

Place :

(Sapna Namdeo Chavan)