SANTOSH VISHWANATH PANDHARE

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CAREER OBJECTIVE:

I look forward to establish myself with an organization where there is an opportunity to share, contribute and upgrade my knowledge.

CAREER SUMMARY:

Out of 3.3 years of experience in IT around 1.8 year's relevant experience in Hadoop Eco System and Spark Development, Cloud Services (AWS).

➢ Have a knowledge on Amazon web services mainly S3, EC2, AWS Glue, IAM Role,RDS, Sage-maker.

➢ Implement applications to support distributed processing using Hadoop Ecosystem with help of Spark-PySpark.

➢ Involved in Importing/Exporting data to/from RDBMS using AWS DMS.

➢ Building Spark and Spark SQL based platform for financial analytics & Loading from required data sets.

➢ Implemented data processing pipelines and Experience in implementation of data ingestion pipeline for Batch data.

➢ Good knowledge in Relational SQL Databases.

➢ Import data from RDBMS to HDFS, using Sqoop to load data. [Data Injection]

➢ Proficient in analyzing and translating business requirement to functional/technical requirements also able to diagnose and fix bugs and performance bottlenecks for performance that feels native.

TECHNOLOGY PROFICIENCY

➢ **Operating System:** Windows, Unix

➢ **Programming language:** Python.

➢ **Query Language:** SQL.

➢ **Hadoop Ecosystem:** HDFS, Sqoop, Hive, PySpark.

➢ **Monitoring Tool:** Zookeeper.

➢ **Dev.IDE:** PyCharm

➢ **Cloud Technologies:** AWS (S3, EC2, RDS, IAM, AWS Lambda, AWS Step Function, AWS Glue)

➢ **Relational database:** MySQL, SQL server

➢ **Ticketing Tool :** Jira

ORGANIZATIONAL SCAN

- **Organization:** Zielotech Infosolutions India LLP.
- **Designation:** Data Engineer
- **Location:** Pune
- **Duration:** 26-sep-2019 to till present

WORK EXPERIENCE

Project #1: DataMart (Sentimental Analysis Application)   **Duration : April-2022 to till Date**
                                                                                                      Role: Data Engineer

Sentimental analysis refers to identifying as well as classifying the sentiments that are expressed in the text source. E-mails Data are often useful in generating a vast amount of sentimental data upon analysis. This data is useful in understanding the opinion of the people about a variety of topics.

Roles & Responsibilities:

- Working in Datamart team for client in banking domain.
- Responsible for creating AWS Lambda functions, AWS step-functions.
- Responsible for automating Machine Learning Models using AWS Sage-maker.
- Responsible for developing and deploying various applications, optimized big data Pipeline using different AWS services in production environment.
- Worked on AWS services like AWS SNS to send out automated emails and message using BOTO3 after the nightly run.
- New Development as per client requirements.
- Enhancement of the already developed applications.
- Support if there are any issues or job failures in production environment.
- Daily Monitoring of Jobs, Fixing Production Bugs, and taking care of the tickets raised by prod environment.
- Managed to help Admin Team and Data Analysis Team with knowledge sharing.
- Monitoring Pre-Validation Process to Validate the Client Data.
- Job Execution Monitoring, Debug, Bug Fixing.

AWS Services used:

- S3
- Lambda
- AWS Glue
- Cloud-watch
- Step functions
- SageMaker
- ECR
- docker image

Project #2: Data Migration into Data Lake   **Duration : March-2021 to March-2022**

Role: Data Engineer

The Client manages 300 implementations of OMS and over 250 which are managed by customers on premises environment. So, Customer facing the slow performance of large analytical data as all directly connected to there application so to avoid this we have to prepare data lake for unify data to get meaningful information

Roles & Responsibilities:

➢ Attaining a daily scrum call with team members and discussing the task on a particular sprint.
➢ In every sprint we have assigned tasks that we are completing as per time
➢ Weekly call with client for their requirements and further enhancement.
➢ Analyzing PROD tickets – Issues can be data related or code related.
➢ Job monitoring
➢ Import data from S3 raw bucket and do the cleaning and masking and again move to s3 cleanse bucket by using glue.
➢ Worked on the transformation glue job to move data from the s3 cleanse to the redshift dimensional and fact tables.
➢ Creating a DDL script for creating tables in redshift.
➢ Validating the records once the transformation glue job completed the loading of data into redshift.
➢ Work with the teammates to understand and support them in importing data from source to S3 by using AWS DMS.

Tools Used :

- AWS DMS,
- AWS S3
- AWS Glue
- AWS Redshift

EDUCATIONAL QUALIFICATION

➢ 2016 BE in Mechanical engineering from DR.BAM University, Aurangabad with 6.94 CGPA.

PERSONAL DETAILS

Date of Birth   : May 01, 1994

Languages known   : English, Hindi and Marathi

DECLARATION

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

Date: 11/03/2022

Place: Pune   (Santosh Vishwanath Pandhare)