Abhijeet Mohan

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CAREER PROFILE

Data engineer with 2.9 years of experience implementing big data solutions for organizations in the financial services. Core competencies include AWS, AWS S3, AWS lambda, AWS glue, AWS Athena, PySpark, Hadoop, Hive, SQL, Python, Waterfall, and Agile methodology.

CAREER HIGHLIGHTS

- Data engineer with 2 years and 11 months of IT experience in a range of positions, including application development, deployment, and support.
- Solid background in designing and creating Big Data technologies.
- sound knowledge of **Spark Transformations**, **SparkSQL**, and **performance tuning** for data ingestion.
- knowledge of the **Spark Architecture** in-depth, covering **Spark Core**, **SparkSQL**, and **Dataframes.**
- Participating in the PySpark-based data intake pipeline for receiving regular data for **AWS S3**.
- working knowledge of the waterfall and **agile methodology**.
- Practical knowledge of **Python**, **SQL**, **PySpark**, **AWS lambda, AWS glue, IAM roles**, and **AWS Step Function**.
- Practical knowledge of the Python libraries such as **Numpy** and **Pandas** for data analysis.
- Having the capability to perform both individually and in a team.

PROFESSIONAL EXPERIENCE

OPTRATEC TECHNOLOGIES. Pune, India (November 2019 to present)

Project 1 – Data Lake   July 2021 to Present
Project Domain - E-commerce   (15 months)

Roles and Responsibilities

- Attaining a daily scrum call with team members and discussing the task on a particular sprint.
- We have tasks that we are executing in accordance with the timeframe for each sprint.
- Weekly call to discuss the client's needs and potential improvements.
- Importing data from the S3 raw bucket and doing the cleansing using AWS glue and moving to Redshift.
- Worked on the transformation glue job and performed validation on data.
- Worked on AWS Athena to query data as per client requirements.
- Validating the records once the transformation glue job completed the loading of data into Redshift.

Project 2 - Data Lake   July 2020 to April 2021
Project Domain - E-commerce   (10 months)

Roles and Responsibilities

- Understand business processes and draft business Requirement documents based on functional design documents.
- Work in an agile environment and continuously improve processes.
- Maintain existing ETL workflows, data management, and data query components.
- Import data from the S3 raw bucket and do the cleansing and again move to s3 cleanse bucket by using AWS glue.
- Worked on the transformation glue job to move data from the s3 cleanse to the Redshift.
- Validating the records once the transformation glue job completed the loading of data into Redshift.

- Collaborate with teammates and provides support to the client.

EDUCATION

- Bachelor of Engineering (Electrical Electronics and power) from Government college of engineering, Aurangabad in the year 2017 with an 8.021 Cumulative GPA.
- Higher secondary education from Vasantrao Naik college in the year 2013 with 80.17% marks.

TECHNICAL SKILLS

Cloud technologies: AWS (S3, Glue, lambda, RDS, IAM, Athena)
Big Data Ecosystem: HDFS, Hadoop, Spark
Spark Technologies: Spark Core, SparkSQL
Relational database: Oracle
Tools: Pycharm, Jupyter Notebook, putty
Operating System: Linux/windows
Languages: Shell Scripting, SQL, Python
Ticketing Tool: Jira

ADDITIONAL INFORMATION

- **Personal Interests**: Avid reader (**Start with why**)
- **Languages known**:
    1. English(proficient)
    2. Hindi(proficient)
    3. Marathi(native)