

Abhijeet Mohan

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CAREER PROFILE

Data engineer with 4 years of experience building big data solutions for businesses in the healthcare and life science sectors. Core competencies include SQL, Python, PySpark, AWS services like AWS lambda, AWS glue, AWS S3, Azure services like ADF, ADLS (Gen2), Azure Databricks, Waterfall, and Agile methodology.

CAREER HIGHLIGHTS

- 4 years of IT experience as a **Data Engineer** with a variety of roles including Development, implementation, and support of applications.
- Strong experience in Big Data Solution Designing and Development.
- Good experience with Data Ingestion using **Spark Transformations, SparkSQL, and Performance tuning.**
- In-depth understanding of Spark Architecture including **Spark Core, SparkSQL, and Dataframes.**
- Involved in data ingestion pipeline for sourcing daily data to **AWS S3** using **PySpark.**
- Hands-on experience with **AWS glue, AWS S3, PySpark, Python, and SQL.**
- Hands-on experience on Azure cloud services mainly Blob, **Azure Data Lake storage (ADLS Gen2), Azure data factory (ADF), Azure Databricks.**
- Experience working on **Agile Methodology.**
- Ability to work effectively and efficiently in a team and independently.

PROFESSIONAL EXPERIENCE

OPTRATEC TECHNOLOGY PRIVATE LIMITED. Pune, India (May 2020 to Present)

Project 1 – T Mack

Project Domain – Healthcare

Roles and 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 the timeline.
- Weekly call with client for their requirements and further enhancement.
- Created data pipeline to extract data from Aws S3 using Azure data factory.
- Transform data using azure databricks and load to Azure SQL database.
- Monitor and maintained data pipelines using Azure Monitor, ensure high availability and minimal downtime.

Project 2 - Medical Com

Project Domain – Life science

Roles and 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 the timeline.
- Weekly call with client for their requirements and further enhancement.
- Analyzing PROD tickets – sometimes Issues are related to data and sometimes related to code.
- Importing data from the S3 raw bucket and do the cleansing using AWS glue and move to AWS RDS.
- Worked on the transformation glue job and performed validation on data.
- Validating the records once the transformation glue job completed the loading of data into RDS.
- Loading the curated and validated data to the cleansed S3 bucket for the SAP purpose.
- Work with the teammates and provide support to the client.

Project 3 - Data Lake
Project Domain - E-commerce

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 masking 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.

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: Azure (Azure Blob, ADLS, ADF, Azure databricks), AWS (S3, Glue, lambda, RDS)

Big Data Ecosystem: Spark

Spark Technologies: Spark Core, SparkSQL

Relational database: Oracle, PostgreSQL

Tools: VS Code, Jupyter Notebook, DBeaver

Versioning Control tool: Git and Github, Github Desktop

Operating System: Linux/windows

Languages: SQL, Python

Ticketing Tool: Jira

ADDITIONAL INFORMATION

- **Date of Birth:** 02/02/1996
- **Gender:** Male
- **Nationality:** Indian
- **Languages Known:** English, Hindi, Marathi

I hereby declare that all the information mentioned above is true and to the best of my Knowledge.

Date:

Place: Aurangabad.