

Saurabh Prajapati

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Career Objective

Seeking a position in the organization that offers challenges and growth opportunities in an innovative environment that will hone my professional skills and effectively contribute towards the goals of the organization. I strongly believe in the concept of work through positive motivation always open for collaborative environment.

Professional Summary

4.10+ years of total IT experience in data engineering as Azure Data Engineer and BI Engineer using SQL, Pyspark, Databricks, Python, ADLS, Azure Data Factory, Data Wrangling and Qlik.

- Technically accomplished professional with excellent knowledge of Azure and Spark with experience in data ingestion, storage, querying and processing of **Big Data**.
- Design and implemented data lakes using **Azure** based technologies supporting data processing initiative across **Structure and Unstructured datasets in batch mode**.
- Experience in developing and scheduling **ADF** dynamic pipelines for data extraction and ingestion using different **Azure Data Factory** tools such as copy, stored procedure, Get Metadata, Lookup, For Each, Variable, until and many more from Azure or On-Premises to **Azure Storages**.
- Experience in working with **Azure Databricks** Delta Table, Delta Live Table, Architecture, Optimization Techniques.
- Experience in working with Microsoft Azure – **Azure Event hub, Azure Data Lake Storage** with file format such as csv, text, parquet, delta table in dynamic manner and **App configuration**.
- Experience with **migration** projects in Azure Storages and played a crucial role in few.
- Strong understanding and hands-on experience related to **data modeling** in Qlik, Set Analysis, calculated columns, and measures.
- Expertise in understanding and transforming business requirements into technical solutions.
- Experience in client handling, presenting solutions and road maps, assisting with training and demos, promoting data solutions and services to clients.
- Mentor team members in area of Cloud, BI and visualization and provide guidance as necessary.
- Possess good communication, problem-solving, critical thinking, presentation skills and ability to communicate effectively with stake holders.

Technical Skills

- **Cloud:** Azure Databricks, Azure Data Factory, Azure Data Lake Storage, Azure Blob Storage, App Configuration.
- **Databricks:** Delta Table, Delta Live Table.
- **Database:** SQL Server, MySQL, Spark SQL.
- **Language:** Python, PySpark.
- **BI Tools:** Qlik, Power BI, MS Excel 2016

Work Experience

1) Fractal Analytics Private Limited

Mumbai, Maharashtra.

Designation: Engineer (Cloud & Data Tech), *May 2021 – Present*

Project: Philips.

Roles and Responsibility:

- Engage with stakeholders, understand requirement and the data flows to convert the same into technical solutions.
- Lead the Qlik report migration project with 2 more Data Engineer.
- Working on designing the data flow architecture from source to data analysis as part of the project to deliver effectively and efficiently.
- Connecting bi-weekly or weekly to show the progress and gather feedback for changes and enhancement and discuss dependencies or blocker.
- Document the implementation and provide training for same to support team.

Some Projects:

- Philips X360 CLV IB Configuration:
Worked in collaboration of 4 members teams on IB configuration use case where recommendation to be built on customer, install bases and product hierarchy dataset for installed equipment's in healthcare machines.
Tools Used: Azure Databricks, Pyspark, Synapse
- Philips X360 ASP:
Worked in collaboration with Philips inhouse team to create data pool for machine diagnostics logs which later can be utilized for enhancing customer experience, sales and recommendations.
Tools: AWS S3 Storage, Azure ADLS, Pyspark, Synapse
- Philips Finance Data and Report Migration(S&SD):
Worked in collaboration with team to deliver migration of data in SQL Server and Qlik finance report to Azure cloud and migrating the data ingestion, transformation and business layers of Qlik into Azure delta table so that it will not be dependent on any visualization tool.
Tools Used: Azure Data Factory, Azure Databricks (Pyspark, Delta Table. Delta Live Table), Azure Synapse
- Philips e-Commerce Marketplace:
Worked as a single contributor to enable data for different marketplace on which Philips sold domestic products from marketplace's API and store it ADLS for consumption in Qlik Dashboard
Tools: Azure Databricks, Pyspark, Azure ADLS, Synapse

2) IRT Digital Analytics Private Limited.

Mumbai, Maharashtra.

Designation: Consultant, *April 2019 – May 2021*

Project: Volkswagen, Audi.

Roles and Responsibility:

- Engaged with stakeholders, understands their business requirement to convert into technical solutions.
- Work closely with data source team like sales force team or oracle team to understand data flow and processing needs to be done.
- Performance tuning for batch loads to reduce data loads time.
- Connecting bi-weekly or weekly to show the progress and gather feedback for changes and enhancement and discuss dependencies or blocker.

- Document the implementation and provide necessary training to support team.

Some Projects:

- Audi Customer Journey 360 Application:
Worked in collaboration of 2 members teams on building single data pool for Audi data sources like google AdSense, salesforce, SQL server to build one single dashboard which will contain customer journey from being a lead to customer and then services history.
Tools Used: Azure Data Factory, Pyspark, ADLS, Qlik, SQL Server, Salesforce
- Audi and Volkswagen Sales Pipeline:
Worked in collaboration with team to create a clean data solution which includes all data point from leads to sales of vehicle and deliveries to customers.
Tools: Azure Data Factory, Pyspark, ADLS, Qlik, SQL Server, Salesforce
- Audi and Volkswagen Extended Warranty and Claim Analysis:
Worked with team to build a data pipeline and applied complex business transformation logic to enable cleaned and desired data for analysis of extended warranties and processed or rejected claims which eventually help to decide the components such claim settlement, insurance premium etc.
Tools Used: Azure Data Factory, Pyspark, ADLS, Qlik, SQL Server, Salesforce, Azure Synapse

3) Trendsutra Platform Services Private Limited (Pepperfry.com)

Mumbai, Maharashtra.

Designation: Software Developer, *July 2018 – April 2019*

Project: Volkswagen, Audi.

Roles and Responsibility:

- Engaged with product manager and CRM team to understand their requirement into inhouse CRM to ease and automate the thing at every possible level.
- Coordinate with Quality Analyst team to deliver no-bug implementation.
- Provide training to product manager and CRM team about new feature functionality.
- Connecting bi-weekly or weekly to show the progress and gather feedback for changes and enhancement.
- Work on short user stories to enable ad hoc feature requirements in CRM portal.

Some Projects:

- Pepperfry CRM:
Worked in collaboration of more than 10 team members on building in-house CRM web portal for customer executive team to ease and automate redundant or manual process.
Tools Used: PHP, jQuery, HTML, CSS, API

Education Qualification

Qualification	Year	Board/University
Bachelor of Engineering – Computer Science	2018	Mumbai University

Declaration:

I, Saurabh Prajapati, hereby declare that the information contained herein are true and correct to the best of my knowledge and belief.

Saurabh Prajapati