

Career Objectives:

With sound professional knowledge and creativity, I aspire to serve an organization with sincerity and determination to succeed. I aim to occupy a responsible and challenging position in an organization by keeping abreast with the latest developments in the area of Software Technology.

Experience Highlights

- **5 years of experience** as a Data Engineer in Azure ADF, Azure Databricks, Azure Data Lake, and SQL.
- I have accumulated **12.6 years** of extensive experience in **Data Engineering and Testing methodologies**.
- Good Understanding of the Spark Architecture including Spark Core, Spark SQL, Data frames, Spark Streaming, Driver Node, Worker Node, Stages, Executors, and Tasks.
- Good knowledge of Data Warehousing concepts and complete life-cycle implementation/ experience in a Business. Extensive knowledge of data modeling in support of data warehouse and data mart design, implementation, and measurement.
- Having good experience in the IT industry in a broad range of functions & involved in the development of various Software projects and will turn data into information, information into insight, and insight into business decisions.
- Good experience in star/snowflake schema, SCDs, and de-normalized operations.
- Good Programming experience in Scala or Python, SQL.
- Design and execute strategies for real-time data analysis and decisioning
- Good experience in Azure Data factory, developed automated workflows with the help of triggers
- Good Experience in Azure Databricks for reading real-time and Batch Data
- **Functional Prospective:** Requirements gathering, functional gap analysis, application design, configuration, module setup script generation testing, End-user training, and production support. and generate Performance Reports and Monitor and provide continuous improvements.
- **Technical Prospective:** By connecting with users, identifying functional and technical gaps, estimating work, designing custom solutions, and programming, Leading developers, scheduling, and documentation.
- Having **7.6 years** of experience in Agile methodology in Software Development Life Cycle (SDLC).
- Having 8.5 Years of experience in ETL testing, Automation testing, Performance testing, Database testing, Manual testing, and Mobile testing.
- Well acquainted with Software Development Life Cycle (SDLC) and Software Testing Life Cycle (STLC).
- Expertise in Insurance, Financial domain (Brokerage), Security domain (Authentication & Authorization), Banking (Credit cards), Warehouse Management, Inventory Management and HR Domain.
- Hands-on experience in ETL testing and Database testing.
- Hands-on experience with Java, Python, JavaScript, TypeScript, VB Script & SQL.

Career Profile

- Working as **Senior Project lead** for **Elait IT Technology Services Pvt. Ltd.** Bangalore, from Jan 2020 to Jan 2024.
- Working as a **Module Lead** for **Mphasis Ltd**, Bangalore, from Aug 2013 to Jan 2020.
- Worked as a **Sr Software Engineer** for **AonHewitt (Pyramid IT Consulting Services)**, Mumbai, from March 2013 to Aug 2013.
- Worked as a **Software Engineer** for **Intellicon Pvt Ltd** (www.intellicon.in), Mumbai, from July 2011 to Feb 2013.

Academic Profile

- MCA from MADRAS University, Chennai.

Technical Skills

Languages	:	C, C++, Python, SQL, Pyspark, Scala
Cloud Technologies	:	Azure
Databases	:	Oracle, SQLSERVER
Monitoring Tools	:	Azure Monitor
Data Warehousing Tools	:	Azure Data Factory, Azure Data Bricks
Big Data Technologies	:	AzureADLSGen2, BLOB, KeyValut, Pyspark, SQL DB, AzureDatabricks – Delta Lake.

Major Assignments:

Elait IT Technology Services Pvt. Ltd. Bangalore

Jan'2020 – Jan'2024

1. Project Name:	L&G DATA MIGRATION
Client	L&G (Legal & General)
Role	Data Engineer
Environment	Azure Data Factory, Databricks-delta lake, ADLS Gen2, and Power BI
Duration	July 2022 to Jan 2024

Project Description:

Legal & General is a leading UK financial services group and major global investor, with sustainable finance and a zero-carbon future at our core. The company aim to build a better society for the long term by investing our customers' money in things that make life better for everyone

The main aim of this project is to load the data in the bronze layer and then to silver for (modeled data by using Databricks with Pyspark) and then transfer to the Gold layer for analytics purposes. From Gold, The Power BI team will fetch the data and analyses.

For this entire purpose, we are using ADF to orchestrate the data into the bronze layer and from silver to gold. To Model the data, we are using the data bricks workspace.

Roles and Responsibilities:

- Designed and loaded the data into Hadoop environment using Talend jobs.
- Monitor health, usage, and overall compliance of the application
- Scheduled jobs in flows and ADF pipelines
- Developed the DDL, DML, Stored procedure for Data Manipulations
- Create, edit, and delete data factories and child resources including datasets, linked services, p
- Developed the Azure Data Factory Objects, ADF pipeline configuration parameters variables Integration services runtime
- Developed the ADF activities such as Copy SP lkp and Dataflows ADF Data Ingestion
- Developed the Databricks Notebooks using Spark-SQL
- Developed the Pyspark jobs in Azure Databricks for loading the Data into Delta Lake
- Developed the SQL queries in the **Azure Synapse Analytics**
- Followed the Agile process

2. Project Name: ODS Decommission /ODS – CVDB Data Migration

Client Ceva Logistics-USA

Role Data Engineer

Environment Azure Data Factory, Databricks-delta lake, ADLS Gen2, and Power BI

Duration Jan 2020 to June 2022

Project Description:

CEVA was formed in August 2007 as a result of the merger of TNT Logistics and EGL Eagle Global Logistics. We are one of the world's leading logistics companies, providing end-to-end design, implementation, and operational capabilities in freight forwarding, contract logistics, transportation management, and distribution management.

The main aim of this project is to decommission the ODS Database and migrate to the Common Visibility Database(cvdb). All ETL mappings, Database procedures, and functions are pointed to cvdb after decommissioned and also Power BI reports are generated based on the final database

Roles and Responsibilities:

- Designed and loaded the data into Hadoop environment using Talend jobs.
- Monitor health, usage, and overall compliance of the application
- Scheduled jobs in flows and ADF pipelines
- Developed the DDL, DML, Stored procedure for Data Manipulations
- Create, edit, and delete data factories and child resources including datasets, linked services, pipelines, triggers, and integration runtimes.
- Developed the Azure Data Factory Objects, ADF pipeline configuration parameters variables Integration services runtime
- Developed the ADF activities such as Copy SP lkp and Dataflows ADF Data Ingestion
- Developed the Databricks Notebooks using Spark-SQL
- Developed the Pyspark jobs in Azure Databricks for loading the Data into Delta Lake
- Followed the Agile process

POC's:

- 1) **Data Quality** – By using “Great Expectations” implemented the data validation process on Output files.
- 2) **Performance Testing:** Implemented Load, Stress, Spike and scalability testing on different kinds of Queries as a part of Query tuning by using JMeter 5.5
- 3) **Scalability Testing:** Implemented Scalability testing on Database (Oracle DB & ODI) with JMeter

Mphasis Ltd. Mumbai & Bangalore

Aug'2013 – Jan'2020

3. Project Name: CHARLES SCHWAB REPORTS GENERATIONS

Client	Charles Schwab
Environment	Abinitio, Azure Data Factory, Databricks-delta lake, ADLS Gen2
Testing Tools	JIRA, Zephyr, SOATest
Testing Team Size	3
Duration	Jan 2018 to Dec 2019

Project Description:

The Charles Schwab Corporation is an American multinational financial services company. It offers banking, commercial banking, investing, and related services including consulting, and wealth management advisory services to both retail and institutional clients.

Here we are calculating for customer monthly trade transactions, Service charges, beneficiary details, Donations..etc. Output files we are generating CSV format those files will be shared via SFG with the SQL team for downstream process.

Roles and Responsibilities:

- Overall responsibility for planning, organizing, and executing ETL testing activities.
- Liaison between business stakeholders, development teams, and testing teams.
- Go through with Sequence diagrams and confluence pages information of functional flows.
- Creation of test strategies, test plans, and test schedules.
- Review the test case design, test data, and execution process.
- Prepare the Test summary report and defect summary report.
- Tracking defects in JIRA.
- Developed the ADF activities such as Copy SP lkp and Dataflows ADF Data Ingestion
- Developed the Databricks Notebooks using Spark-SQL
- Developed the Pyspark jobs in Azure Databricks for loading the Data into Delta Lake.

4. Project Name: Marriott Recruiting Data Hub

Client	Marriott
Environment	Data Warehousing-Cognos
Testing Tools	ETL Testing, QTP, QC 9.0, AQT
Team Size	4
Duration	Sep 2016 to Dec 2017

Project Description:

Marriott International has grown to be a leading lodging company with more than 3,700 properties in 74 countries and territories worldwide, Marriott remain grounded in a set of core values: put people first, pursue excellence, embrace change, act with integrity and serve our world.

The project handles the Recruiting process of Marriott, which maintains the detailed information about the Candidates and its respective hiring process. Currently now we are enhancement the application with new client new requirements.

Already this client having urged data in warehouse, this data will come from Talivo's AzureSynapse Analytics systems. So, we will receive the extracts from this system then going to compare with Stage data.

Roles and Responsibilities:

- Attend the calls with clients for Application functional walkthrough.
- Validating the data whether it is transforming correctly according to business requirements and rules.
- Validating whether the data is loaded into the data warehouse without any data loss and truncation.
- Generated an automation script using QTP for validation queries to be performed on various stage and warehouse tables.
- Validating all the reports generated with different combinations of filters.
- Generated Data Compare script using QTP to compare the data in both the table's source and target (Extracts).
- Written test cases as per the design document.
- Coordinating with the End partner for the proposed flow of process.

5. Project Name:	UDBA's (Card Services) user-developed business application
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Client	JPMORGAN
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Role	QA – Manual
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Environment	Dot net, SQL Server, SSIS, SSRS, UNIX, SAS, SVN.
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Testing Tools	ALM
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Team Size	8
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Duration	April 2015 to Aug 2016
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Project Description:

The objective of the UDBA Project is to implement different controls for all the **User Developed Business Application**, and to ensure that the functionality is working as before.

The purpose of doing QA for the Controls project is to ensure that the required controls affecting the application like Cyber Ark, Tivoli Work Scheduler, SVN etc are implemented correctly and not breaking any existing functionality in the UDBA.

The general features applicable to all the use cases are:

1. Cyber ark testing
2. Job scheduling
3. Peregrine ticketing.
4. Segregation of environment.
5. Save functionality for web-based application.
6. Browsing links for web-based application.

Roles and Responsibilities:

- Attend the calls with clients for Application functional walkthrough.
- Test scenarios preparation
- Test case Writing & Execution
- Prepared RTM (Requirement Traceability Matrix)
- Executing regression test cases
- Analysis of test results
- Defect Tracking & reporting
- Proficient in Re-testing and Regression testing.
- Involved in UAT Testing.

Testing Projects:

Module lead

- Worked on Automation, Mobile & Manual Testing process various projects with clients.
- Adopt any kind of process and handle complication situations.
- Passionate to learn new technologies and Tools.

Project handled: DB YaR Child Missing Application

Duration: July 2014 to Mar 2015

Description: Don Bosco National Forum for the Young at Risk, also known as DB YaR Forum, Services on offer to young person's include street / railway platforms / bus station presences, rescue teams, drop-in centres, child line, shelter homes, children's homes, youth hostels, home link and missing child search services, bridge schools, counselling and vocational guidance facilities, skill development and placement centres. In addition to providing emergency and follow up care to young persons in need, those entrusted to our centres are offered a variety of opportunities for holistic and integral education adapted to individual requirements.

Roles & Responsibilities:

- Responsible for designing, developing, and executing automated test scripts using Tosca.
- Provides guidance and mentorship to the automation team.
- Defines automation strategies, frameworks, and best practices for using Tosca.
- Reviews and approves automated test scripts developed by team members.
- Identifies risks and challenges related to test automation and works to mitigate them.
- Collaborates with other stakeholders to ensure alignment of automation efforts with overall project goals.

Projects handled: Clipsal Wishlist, My Electrician Suite & My Electrician App (Schneider Electric)

Duration: Aug 2013 to June 2014

Description: This is End-to-End process of home planning. This Application dashboard containing combination of multiple applications, Like Wishlist Clipsal, EMQ, SDK, MEA, Wiser Link, Cloosedloop. etc. By this Application Schneider Electric services accessible in his country like Lead management, Quotation of residential installations, Product selection and product search, Support, Design of residential installations, Projects scheduling, Loyalty program, News, Events management. The functionality provided by the app is end-to-end access, on one and unique app, to all Schneider Electric services accessible in their countries like Lead management, Quotation of residential installations,

Product selection and product search, Support, Design of residential installations, Project scheduling, Loyalty program, News, Events management on Mobile devices with OS version and above for Android and IOS devices with version 7.0 and above.

AonHewitt, Mumbai**Mar'2013 – Aug'2013**

Sr QA Engineer

- As a Sr QA Engineer worked on ETL testing with Cognos & Automation testing.
- Validating ETL the reports and checking the performance of IBM tool reports with Automation.
- Switch to Data process because passionate to learn new technologies and Tools.

Project handled: Marriott Recruiting Data Hub (Marriott)

Description: The project handles the Recruiting process of Marriott, which maintains the detailed information about the Candidates and its respective hiring process. Currently now we are enhancement the application with new client new requirements. Already this client having urged data in warehouse, this data will come from Talivo's systems. So, we will receive the extracts from this system then going to compare with Stage data.

Intellicon Pvt Ltd, Mumbai**Jul'2011 – Feb'2013**

Software Test Engineer

- Working for the end user with Client in warehouse domain.
- Gathering the client requirement and application deployed at client location once its develop & testing is done.
- Validating the HHT mobile applications.

Projects handled:

1. INEL - India Nippon Electricals Ltd, TVS Groups
2. Laptop Tracking (Product) - L&T
3. Hypermarket, Item Inventory - Aditya Birla Retail Ltd, India
4. Royal Enfield – Chennai
5. Western Refrigerators – Mumbai
6. Elecon – Gujarat
7. Phillips – Delhi
8. Bombardier – Baroda
9. Zydus – Gujarat.