**Sridatta**

***Professional Summary***

● Having 13+**years** of experience in the IT industry, with 7+ **years** in **SAP Data Migration** and 5+ years in **Project Management** and **Data Science**

● Experience in Overseeing and ensuring delivery of all aspects of Data Analysis, Mapping, and transfer

● Involved in **Merger and Acquisition Process**

● Partnered with cross-functional business teams and IT SMEs to deliver analysis and make recommendations to support overall data strategy

**●** Strong **SQL** proficiency.

● Involved in Reviewing gaps and proposing a solution for data migration during the solution design phase.

● Has expertise on **LTMC & LTMOM with S/4 Hana Migration Cockpit 1809/1909 ●** Exposure in Determination of Source of record and/or approach to distributing/syncing data across systems.

● Experience in **Supervised** and **Unsupervised ML Model** development

● Modeling: Supervised Learning: **linear and logistic regressions, decision trees, support vector machines (SVM)**

● Unsupervised Learning: **k-means clustering**, principal component analysis (PCA)

● Assisted in the estimation of work effort related to Data migration activity.

● SAP HANA data provisioning using Business objects data services (**BODS**) and SAP Landscape Transformation (**SLT**).

● Exposure in Oil & Gas, Pharmaceutical, Retail, Telecommunication, Production, and Sales Data Warehouses.

***Technical Skill Set***

**Business Intelligence Tools:** SAP Business Objects, HANA Studio, Power BI **ETL Tools:** BODS 4.1, 4.2, Business Objects Data Integrator **Data Replication Technique:** SLT, Migration Cockpit

**Databases:** HANA1.0/2.0, Oracle 10g/11g, SQL Server 2008/2012/2016 **Programming Languages:** ABAP, Python, SQL

**Big Data and Libraries**: Python - NumPy, Pandas, Scikit-Learn, SciPy, TensorFlow ***Assignment Summary***

**Client**: Hallmark Healthcare Solutions INC

**Location**: New Jersey

**Duration**: August 2021 to Present

**Designation**: Project Manager

**Responsibilities**:

● Define the end-to-end implementation on Heisenberg 11.

● Define the requirements from the client and map by performing discovery sessions.

● Define the scope of the project for implementing Heisenberg11 into the client environment.

● Analyze the functional and technical requirements in each milestone as per the implementation process.

● Design and compose the requirements to start the development and testing milestone.

● Work and coordinate with the product team, technical leads, development, and testing teams for project delivery.

● Perform unit testing, quality testing for the G0-live.

● Make the system ready for Parallel validation.

● Monitor and work on critical and Hyper-care period for the System stabilization.

● Coordinate with the client for any new enhancements, enhancements/project changes.

● Monitor and manage the Scope addendums as per the project need.

**Client**: Nike Inc.

**Location**: Portland, Oregon

**Environment**: Project Manager

**Duration**: January 2020 to July 2021

**Designation**: Project Lead

**Responsibilities**:

● Define the Project readiness for the HANA migration..

● Perform the system readiness for North-America database.

● Perform and define the Mitigation plan for Greater China database.

● Work and Co-ordinate with tech and functional teams respectively for scope and discovery phase for North America migration activity.

● SAP Migration Cockpit 1909 Design and Development

● Write Mapping tasks & simulation process connecting the source system, applying business use case/transformation logic to fit the Stage and Target data models. ● Develop Mappings, Packages, Procedures and Scenarios in MC 1909 to implement the data flow from source systems to FIORI environment.

● Develop the ETL orchestration in MC, execute and monitor the data flow periodically and assist in troubleshooting data sanity and compliance issues.

● Build Migration objects in the FM2 environment based on the selection criteria and assign the correct Instance.

● Map the Mapping tasks and perform the simulation and Migration with the correct documentation.

● In LTMOM, customize the required table with the AFS table and Fashion table and update MDG blocks for row-level security, Prompts & Dashboard variables. ● Develop code migration methodology for SAP BODS across Dev, Test, Prod landscape ● Creation of new Migration Object templates and template files.

● Data integration and Data pipelines (using STL)

● Transactional Data Includes Open Orders /Cost center /Daily Sales/GL **Data Science** Assignment -

● Built multiple classifications and Regression Models to Predict the differential SKUs on Geographical data using the Elbow method.

● Worked on Pandas and NumPy for the pre Data preparation and processing

● Worked with the Digital team on Customer data for Customer behavior. ● Worked with Data engineers for SAP tables to be integrated into Clickbait for AWS storage.

● Developed a model using Exclusive Clustering on the Customer Data. ● Implemented 2-layer LSTM model to forecast Buying rate based on previous purchase data with 81% accuracy

**Client** : PPG Industries Inc.

**Location** : India / Morrisville Pennsylvania

**Environment**: BODS 4.2, Sql server 2012, SAP S4 HANA 2.0, BI 4.2, BW **Duration** : December 2018 to December 2019

**Designation**: Project Lead

**Responsibilities**:

● Troubleshoot BODS connectivity issues with source systems, Sql server ● Develop code migration methodology for SAP BODS across Dev, Test, Prod landscape ● Migrating using Migration Cockpit via LTMC.

● SAP ECC to SAP S/4 HANA - Migration Cockpit 1809

● Migration object customization via LTMOM on mapping tasks.

● Creation of new Migration Object templates and template files.

● Perform Adhoc loads & Archive source file once data load complete to HANA 2.0 ● Written SQL queries to extract source data to Data Services staging ● Managed Error Handling and Success results to trace data migration ● Data migration to SAP HANA Enterprise and build Information models (Cal Views), SQL scripting

● 3 Layer Architecture - Extract data from source and load to Output Layer ● Target system data is posted to HANA 2.0

● Involved in Unit and Integration Testing on reports and then exported them to Schedule Manager for Scheduling and Refreshing.

● Performed Data Conversions/functions before migrating data

● Setting up of Data store connection to read source data from multiple source systems in BODS

**Data Science** Assignment -

● Built multiple classification and Regression Models to Predict the differential SKUs on Geographical data using Elbow method.

● Worked on Pandas and NumPy for the pre Data preparation and processing ● Performed Accuracy and Performance using Confusion Matrix.

● Did Performance tuning on the Model using Hyper Parameter Tuning.

● Worked with Omnichannel team on Product and Customer data for Behavioural Analysis.

● Worked with Data engineers for SAP tables to be integrated with AWS storage. ● Developed a model using Exclusive Clustering on the Product Data.

● Developed a model to predict upward and the downward trend on Sentiment and visit ratio.

**Client** : Aliaxis Group – SAPHAL

**Location** : India

**Environment**: BODS 4.2, Power BI, Lumira, XML, WebService, SAP HANA 2.0 **Duration** : April 2016 to November 2018

**Designation**: Project/Team Lead

**Responsibilities**:

● Develop a custom front end using Power BI.

● Involved in a team which was developing on automating Data Migration. ● Partnered with cross-functional business team for Business validations. ● Worked on the recommendations to support the data strategy.

● A core **MnA** project(Ashirvad pipes was acquired by Aliaxis)

● Develop code migration methodology for SAP BODS across Dev, Test, Prod landscape ● Migrating Internal, Partner, Admin, Principle, Marketing, Promotion, Service, Pricing and Super users

● Master Data, User core attributes and Roles

● Managed Error Handling and Success results to trace every user migration ● Worked extensively in SQL on Data extraction activity

● Data migration to SAP HANA Enterprise and build Information models (Cal Views), SQL scripting

● Sending and Receiving IDOC’s from SAP through BODS Integration systems ● Involved in Unit and Integration Testing on reports and then exported them to Schedule Manager for Scheduling and Refreshing.

● Worked on Data integration transforms, History preserving, Table comparison. ● Setting up of Data store connection to read source data from multiple systems in DS. ● Extensively used BODS Management Console to schedule and execute jobs, manage repositories and perform metadata reporting.

● Extracted larger volumes of data(SDI) using ABAP data flow transformation into HANA DB.

● POC on SAP integration wih Python for SD module data flow.

● Data flow from non-SAP source for Sale order creation in AWS environment. ● Developed a SAP connector using Python.

**Client** : Majid Al Futtaim (MAF)

**Location** : India

**Environment**: SAP HANA 1.0, BODS 4.2, BI 4.2

**Duration** : July 2015 to Feb 2018

**Responsibilities**:

● Handling priority/problem tickets/incidents/ housekeeping activities ● Monitoring and Scheduling process chains.

● Handling RFCs through Service now tool

● Created Native HANA information models Attribute, Analytical, and Calculation Views

● Worked on Explain Plan Tables, Visual Plan, and SQL Tracing as part of Performance tuning in Native Hana

● Configured and replicated the data from SAP / Non-SAP sources to SAP HANA using SAP Landscape Transformation (SLT), extracted external system data using SDI/SDA ● Built graphical Calculation views using Table functions as data sources for complex calculation in Native HANA

● Worked on performance optimization of SQL Query/Models using Explain Plan, Visualization Plan, and Expensive Statements trace

● Good experience in working on HANA optimized Calculation Engine functions (CE functions data sources access & relational operators)

● Built Calculation views on virtual tables with the Smart Data Access(SDA) mechanism in HANA

● Converted Attribute and Analytic views to Calculation views to reduce data transfer between engines in HANA

● Analyzed and fixed real-time replication server SLT delta failures in HANA ● Created reports including formatting options such as Chart, Grouping, Sorting, Alerter, Ranking, Breaks, Sections, and parameterized prompts.

● Involved in Unit and Integration Testing on reports and then exported them to Schedule Manager for Scheduling and Refreshing.

● Modified existing BO universes and WEBI reports as per Business requirements. ● Created Crystal reports when needed and exported them to the enterprise repository in order to make Crystal reports accessible.

● Support BO WEBI reports, Universe handling issues through incidents. ● Extensively worked on data validation and reconciliation BW, ECC, HANA, and DS.

**Client** : Mahindra and Mahindra

**Location** : India

**Environment**: SAP BODS, BO 4.0, HANASPS 11, BPC 10.0, BW 7.0

**Duration** : Jan 2014 to June 2015

**Responsibilities:**

● SAP process area’s involved SD, CRM, HR, Treasury & Payments, Accounting & Controlling, Plant O&M

● Classic and SQL script Analytic privileges and assign user to restrict accessing data. ● BO reports on HANA modelling Construct (Analytic, Attribute & Calculation View) ● Created Data Visualization dashboards using embedded Excel sheet integrated with BEX Queries.

● Worked on complex reports that require running totals, sub-totals, sub-reports, cross-tab and conditional display of groups, fields, and messages.

● Created, managed & formatted standard reports, master/detail reports and cross tab reports using Report Manager.

● Developed crystal reports and performed unit testing

● Migration of BO reports, folders and universes from one repository to other repository

● Support Business objects WEBI reports, Universe handling issues through incidents ● Developed and executed unit test and integration test plan for BO reports ● Data load experience to SAP BW as Target, Success Factor using Data services ● Extensively worked on Data Services (Code Migration, Error Handling, Recovery Mechanism, IDOCS)

● Making use of SQL transform to read data from source system i.e. Oracle in BODS ● Setting up Projects, Jobs, workflow, dataflow and make them uniquely grouped while moving across a different environment in BODS

● Extensive use of Data integrator and platform transforms such as Key\_generation, Table\_comparison, Case, Merge, Validation, SQL, Query for transformation ● Performed full pushdown, Source And Target based performance tuning, bulk loading in DS.

**Client** : Aditya Birla

**Location** : India

**Environment**: SAP BODS, BI7.3, Sql server

**Duration** : June 2013 – December 2013

**Responsibilities:**

● Involved in build phase of the project

● Developed BI data flows using FLAT file extraction

● Responsible for creation of test scripts and documentation

● Involved in Data Loading & Process chain Monitoring

● Involved in unit testing, test case reviews and documentation

● Created Crystal reports when needed and exported to enterprise repository in order to make Crystal reports accessible

● Design and Develop BODS batch jobs for Material Master, Purchase orders, Asset Master and Batch Determination

● Use of Try-catch and while- loop transforms during splitting records in multiple files in BODS

● Use BODS conditional clauses such as where, group by, order by while restricting records

● Generating Tab delimited output file as per load program

● Publishing Data Quality report for quickly status meeting and decision making ● As per data quality report assist business users to modify and correct the data ● Following are Objects worked as part of data reconciliation activity: PO vendor master, Asset PO, WBS master, asset location, cost center in BODS

**Client** : Timken – TERI

**Location** : India

**Environment:** SAP BI7.3, BOXI R3, Sql server

**Duration** : December 2012 - June 2013

**Responsibilities:**

● Involved in requirements gathering, designing technical specification document for Project Systems

● Involved in BUILD and UAT phase of Project Systems Module (Master Data and Transaction Data)

● Responsible for creation test scripts and documentation

● Involved in planning and co-ordination of tasks

● Involved in Report testing, test case reviews and documentation

● Involved in unit testing, test case reviews and documentation

● Migration of existing in SSIS to Crystal reports from scratch

● Migrated the reports using LCM and import wizard

● Developed and executed unit test and integration test plan for BO reports ● Creation and maintenance of BO Universe and reports

● Worked on CMC module in creating user groups and folders and managing security in BO

**Client** : Reliance JIO

**Location** : India

**Environment**: SAP BODS, BI7.3, SAP CRM, SAP SD

**Duration** : June 2012 – December 2012

Responsibilities:

● Involved in designing technical specification documents for British Gas and Datawarehouse

● Involved in the build phase of BGDW (Master Data and Transaction Data) ● Developed BI data flows using LSA methodology

● Involved in enhancing CRM & ISU data sources

● Responsible for the creation test scripts and documentation

● Involved in Data Loading &Process chain Monitoring

● Test case reviews and documentation

● Involved in unit testing, test case reviews, and documentation

● Most of the BODS transforms used Case, Merge, and Sequence Generator, Query Transform, Map Operations, Table Comparison, SQL, and Validation Transforms ● Created Data Flows to load data from flat files, CSV files with various formats into Data Warehouse.

● Involved in creating batch jobs for data cleansing and address cleansing. ● History preserving, capturing slowly changing dimension data at every interval, script writing, preparing the data from initial load perspective in BODS

**Client** : Pizza Hut Inc.

**Location** : India

**Environment**: SAP BI7.3, Oracle

**Duration** : December 2011 – May 2012

**Responsibilities:**

● Involved in requirements gathering technical pre-upgrade and technical post-upgrade activities

● Responsible for technical pre-upgrade and post-upgrade activities ● Responsible for creating of test scripts and documentation

● Involved in planning and coordination of tasks

● Co-ordination in India with respect to testing

● Involved in unit testing, test case reviews, and documentation

**Client** : Convergys India PVt Ltd

**Location** : India

**Duration** : Jun 2009– Nov2011

**Responsibilities:**

● Technical support

● SAP Global support for users from Plant and global offices

● Unlocking the account and performing support activities

***Education***

● Bachelor’s Degree (B.E – Computer Science), VTU(Bangalore, India), 2009.