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| Venkata **Golivi**  Sr Data Engineer   |  |  | | --- | --- | |  | LinkedIn linkedin.com/in/venkat-golivi | |

A professional Sr Data Engineer with 10 years of industry experience in a wide range of large Applications including design, development and implementation of business applications primarily responsible for managing and designing end to end data flow and Understanding of technology and implementation of those to deliver business solutions that positively affects the bottom line.

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|  | **Skills**   |  |  | | --- | --- | |  | Azure Data Factory |  |  |  | | --- | --- | |  | Azure Databricks and PySpark |  |  |  | | --- | --- | |  | SQL Server Integration Service 2017 |  |  |  | | --- | --- | |  | SQL Server Reporting Service 2012,Power BI |  |  |  | | --- | --- | |  | SQL Server, Oracle |  |  |  | | --- | --- | |  | Visio, SVN ,Snowflake, Python |  |  |  | | --- | --- | |  | Azure DataLake | |

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|  | **Work History**   |  |  |  | | --- | --- | --- | |  | **Oct 2021 - Current** | **Sr Data Lead**  *EY,* Goldman Sachs, *Reston, Virgnia.*   * Developing and managing data factory pipelines responsible for end-to-end orchestration from copying data from source to target. * Handling all Parquet and CSV from Source location to Land Layer. * Handling Curated layer which has more transformation are involved. Identify corrupt records which can’t be survey for that batch. Analyze bad data and perform additional validations based on corrupted data and provide work around fix and process data and also Responsible for Processed layer which has used for reporting. * Debugging stored procedure and identifying data which is not coming as expected or causing failure in load. * Creating Notebooks using Pyspark and SparkSQL |  |  |  |  | | --- | --- | --- | |  | **Nov 2017 - Oct 2021** | **Sr Data Engineer**  *The Hartford Financial Services, Hartford, Connecticut, USA*  **Experience Summary:**   * Experience in Extract Transform and Load data from Sources Systems to Azure Data Storage services using a combination of Azure Data Factory, T-SQL, Spark SQL Data Ingestion to one or more Azure Services - (**Azure Data Lake, Azure Storage, Azure SQL, Azure Synapse)**. * Experience in creating a Pipelines in ADF using **Linked Services ,Datasets, Pipeline and Dataflow** to Extract, Transform and load data from different sources like Azure SQL, Blob storage, Azure Synapse using a Polybase. * Experience in implementing Spark applications using **PySpark** and Spark-SQL for data extraction, transformation and aggregation from multiple file formats for analyzing & transforming the data to uncover insights into the customer usage patterns using **Azure Databricks.** * Good experience in Data extraction (extract, Schemas, **corrupt record handling**), transformations and loads (user - defined functions, join optimizations) and Production (optimize and automate Extract, Transform and Load). * Good understanding of Spark Architecture with Databricks including spark core, spark SQL, Dataframe, **Spark streaming** Good understand on process control framework built in on top of Azure SQL Database which helps Pipeline management. * Developed **JSON Scripts** for deploying the Pipeline in Azure Data Factory (ADF) that process using SQL Activity. * Experience in pulling data for spark Dataframe API to complete Data manipulation within spark session. * Experience with logical and physical data modeling, FACT and Dimensional tables and Good understanding on Data Warehouse concepts. * Experience in Designing and Building the Dimensions and cubes with star schema using SQL Server Analysis Services. Developing reports on SSAS & SSRS on SQL Server 2014/2012 Sound Experience and understanding of SSAS, OLAP cube and Architecture Experience in report writing using SQL Server Reporting Services (SSRS) and creating various types of reports like drill down, drill through, Parameterized, Cascading, Conditional, Table, Matrix, Chart, and Sub Reports. * Excellent understanding of Relational Database Systems, Normalization, logical and physical data modeling and create automated workflows with help of triggers. * Good experience on providing Adhoc models and manage POC's for customer to improve business KPI's. * Good Experience in working on **Agile** Projects and Involved on Program Implementation planning to create a feature for all Business requirements. * Experience in creating Snowflake cloud Data Warehouse for one of the subject area.   **Project 1:**  **Tilte:** Customer Experience and Analytics  **Objective:** Managing the dataflow from upstream sources and providing feed files to the survey engine for sending the surveys and prepare the data using databricks for perform the analytics.  **Description:**  Business capture feedback everywhere their customers are, understand it in real-time, and deliver insights and action across their organization. This empowers organizations and their employees to embed the pulse of the customer into their daily decisions. Through this Experience Cd, companies can create more loyal customers, grow faster, reduce costs and improve corporate culture.  **Roles and Responsibilities:**   * Debugging stored procedure and identifying data which is not coming as expected or causing failure in load. * Reaching out to sources in case of data inflow more than expected and in cases of any table load failure from their end. * Testing changes in lower environments and production during a bug fix. * Connecting with product owners for gathering requirements for future enhancements and implementing same. * Assisting source and target teams by conducting an impact analysis of their changes on our data flows and Landing layer and also providing RCA to business for that failure. * Involved in Sprint Backlog and Refinement meeting for creating and assigning stories to planned resources. * Create Adhoc Notebooks using data-bricks for business who wants a andata in single flow and should be loaded data in to on-demand run. * Working with Subject Matter Experts to understands requirements and create business requirement document. * And responsible for any production defect and provide a fix with in SLA with RCA. |  |  |  |  | | --- | --- | --- | |  | **Jan 2015 - Oct 2017** | **Data Engineer**  *Cognizant Technology Solutions PVT Ltd, Hyderabad, Telangana*  **Title**: Digital Campaign and Reporting  **Role**: Data Engineer  **Description**:  RAD effectively uses the reporting data services across multiple data sources and provides Marketing with Business Intelligence and Data warehousing capabilities related to their performance and productivity. Marketing team can get list of reports for and do detailed level of analysis. Campaigns are running or completed and also the visits and leads against those campaigns. Detailed reports based on the type of page that has been submitted by the customer. Here the marketing team can analyze the visits and form submissions that have happened for such pages.  **Roles and Responsibilities:**   * Involved Designing and loading of large unstructured datasets (XML and JSON) in to hive tables using Python. * Involved in loading the data from RDBMS (MySQL and Oracle) to HDFS Using SQOOP. * And also involved in PowerShell scripting to generate multiple files in different locations. * Involved in Designing ETL packages and Implementation of SCD, CDC, ETL Optimization and Data Cleansing using SQL Server Integration Services 2014. * Involved in creating of Data Marts and Dimensional Data Modeling, Star Schema Modeling, Snow- Flake Modeling, FACT and Dimensions Tables using SQL Server Analysis Services (SSAS). * Involved in creating multidimensional objects (Cubes, Dimensions) using SQL server Analysis services (SSAS) and performed designing and developing extensive dashboards using Power BI and DAX. * Involved in creating tabular model to develop data analysis prototype to create Power Map visualize reports. * Involved in implementation of different types of graphical reports like Cross Tabs, Scatter Plots, Geographic Maps, Heat Maps, Gauge, Tree Maps visualize reports using Power BI and performed fine tuning of the SQL queries and implementation of Indexes for faster performance and also Implementation of Partitions, MDX for cube performance. |  |  |  |  | | --- | --- | --- | |  | **Jul 2011 - Oct 2014** | **Software Engineer**  *Birlasoft India Pvt Ltd*  **Project 4:**  **Title** **:** HRBI Reporting  **Role** **:** Software Developer (BI)  **Description**  This project is Human Resource Business Information for HR People and They will create their own reports as per their requirements using Report Builder 3.0 tool and we will also create standard reports with security. The security is implemented on Data level, Column Level, Column Masking columns are Salary, SSN etc... In this project the user gets the data from different sources, merges the two and creates a data mart for the reporting. So here we build views, Functions, Stored procedure based on their requirements.  The Client will develop reports from the function as they want.  **Responsibilities:**  · Involved in creating functions and stored procedures  · Involved in creating packages  · Involved with designing of the reports and creation and design document.  · As per Client requirements, developed the reports in the form of Matrix, Table and Chart using SQL Server 2008 Reporting Services  · Involved assign Folder level security for each Group  · Writing Expressions while calculate complex calculations.  · involved in assign the security to each report.  · Performance tuning of sql statements and database  · Involved in writing test cases for each canned reports and Unit Testing done for the same  · Involved in Creating Report model for end customers.  **Project 3:**  **Title :** Target and Forecasting  **Role:** ETL Developer  **Description :** Volkswagen Group is a German multinational automotive manufacturing company headquartered in Wolfsburg, Germany. It designs, engineers, manufactures and distributes passenger cars, commercial vehicles, motorcycles, engines and turbo machinery, and offers related services including financing, leasing and fleet management.  **Roles and Responsibilities:**   * Involving in creating packages using various components of SSIS like Control Flow Tasks and DFT to implement Business functionality. * Involved in implementing slowly changing Dimensions. * Involving in using different tasks of control flow like sequence, For Each Loop, For Loop Container task, Script task, Sent-mail task, Execute SQL Tasks etc., and in DFT level using different Sources and Destinations and transforming the data by Data Merging, Data Cleansing to load the data into multiple data marts. * Build and deployed packages to SQL server location and created configurations and breakpoints to trace errors. * Involving in configuring packages, Logging and event handling at different levels, and involved in bottleneck process of the packages. Prepared deployment document for the DBA Team. * Involving in deploying and scheduling SSIS packages in different environments * Involved in the ETL Frame work which consist of five stages in Every SSIS Package. * Involved in understanding requirements from the client and design ssis packages. * Involved in Production Support for one month and handled Some Tickets (Issues). * Involved in Migration SSIS Packages from SQL Server 2005 to SQL server 2008. * Scheduling And Monitoring ETL packages for Daily load in SQL Server Job Agent | |

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|  | **Education**   |  |  |  | | --- | --- | --- | |  | **Aug 2007 - Jul 2010** | Master of Computer Applications: Computer Applications  *BVCITS Engineering College - Amalapuram, AP* |  |  |  |  | | --- | --- | --- | |  | **Jul 2004 - Apr 2007** | Bachelor of Science  *Abhyudaya Degree College - Srikakulam* |  |  |  |  | | --- | --- | --- | |  | **Jun 2002 - Apr 2004** | M P  *Sri Sai Krishna Jr College - Srikakulam, AP* |  |  |  |  | | --- | --- | --- | |  | **Jun 2001 - Mar 2002** | High School Diploma  *RCM St Johns High School - Srikakulam, AP* | |

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|  | **Certifications**   |  |  |  | | --- | --- | --- | |  |  | AZ - 900 Azure Fundamentals |  |  |  |  | | --- | --- | --- | |  |  | 70 - 448 SQL Server Database | |