|  |  |
| --- | --- |
|  | **Alekhya Matturu**  [**Salekhya.vs@gmail.com|832-475-4428**](mailto:Salekhya.vs@gmail.com|832-475-4428)  [**http://linkedin.com/in/alekhya-matturu**](http://linkedin.com/in/alekhya-matturu) |

|  |  |  |  |
| --- | --- | --- | --- |
| **Professional**  **Summary** | |  |  | | --- | --- | |  | * About 12 plus years of professional experience implementing Enterprise Business Intelligence solutions using tools for data modelling, ETL process and BI reporting & Analytics. * Strong experience in implementation of Cloud solutions - Azure, AWS, Data Warehouse/Data Mart Design, ETL/ELT using Azure Data Factory, Azure Synapse Studio, Data bricks. Experience with other services like Application Insights, Logic Apps, Log Analytics etc. * Experience implementing Informatica, MSBI Suite. * Experience in Architecting & leading projects, mentoring data modelers and developers through their responsibilities with development and support to improve application of best practices and increase overall capability. * Strong experience working as a conduit between the business and the SI partner responsible for the development and delivery of the solutions. * Supervised a team of offshore/onsite data engineers/developers. * Performed various levels of Performance Tuning activity and always followed best practices from set of guide rules and methodologies. * Ability to manage multiple concurrent assignments and effectively communicate key project successes milestones issues and risks. * Has the motivation to take independent responsibility as well as ability to contribute and be a productive team member. | |

|  |  |  |  |
| --- | --- | --- | --- |
| **Technical Skillset** | |  |  | | --- | --- | |  |  | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Databases**  **DW Modelling**  **Domains**  **Languages**  **BI Tools**  **ETL Tools**  **Cloud Tech**  **BIG Data**  **Work History** | |  |  | | --- | --- | |  | Azure SQL Synapse, AWS Redshift, SAP BW, Netezza 6/4.0.1, Oracle 19/11/10g/9i, Microsoft SQL, DB2, MS Access, Postgres  Dimensional Modeling - Star, Snowflake, KPIs, OLAP, OLTP  Retail (Distribution Analysis, Financial Analysis), Manufacturing, Sales and Distribution, Supply Chain Management, CRM  T SQL, PL SQL DAX, MDX, Unix Scripting, AMDP with SQL, Python  Power BI, SAP BO, SSAS, Analysis for Office, EPM, Power BI 2.x, Tableau, Win shuttle Query  Informatica 9.1,9.6,10.1.1, SAP Data Services 4.x, Microsoft BI SSIS 2014, Win Shuttle Transaction,  Microsoft Azure Data Factory, Data Bricks, Daas  Azure, Blob Storage, ADLS, DBFS, Amazon Web Services (AWS), S3, Redshift  Hadoop, Data Lake, Hive, HDFS, 1010 Data, Spark  **Role: Senior Data Engineer Nov 2021 – Till Date**  **Employer: Chevron Philips Chemicals**  **Project & Client: Supply Chain Network Optimization Project | Chevron Phillips, The Woodlands, TX**   * Supply chain network Optimization (SNO) project is to build a cloud Enterprise digital platform using Microsoft Azure. * Working on a Sprint basis following Agile. Designed, develop using Azure Data Factory, Data bricks to implement solutions. * Power BI is the reporting tool, which provides self-service analytics. * Built an SAP ECC Ingestion Framework template which can be reusable across all the teams. * Have experience in working with Qlik to extract data from SAP ECC and ingest data to ADLS. * Worked on migration from Azure synapse studio to ADF. * Deployments are done through GIT REPO and CI/CD Pipelines. * Extensively uses Data Factory, Data bricks and Daas (Data as a Service). * Computing/Scaling Databricks clusters and increasing the performance of pipelines. * Security is given to users for Daas catalogs using Access packages. * Working with Fourkites, CRM & Elite 3rd party applications where we send and receive messages through Azure service bus. * Logging is handled and sent reports to users. * Using Log analytics workspaces to track the services. * Application logs for checking the external application messages and logs. | |  | **Role: Senior Data Engineer Apr 2019 – Oct 2021**  **Employer: DR Technologies Inc.**  **Project & Client: Data & Analytics & HSIMS Project | Huntsman LLC, The Woodlands, TX**   * Designed and developed ELT process to ingest data from various applications such as REST APIs etc. and persist the data in SQL Synapse, Azure Blob/ADLS. * Setting up Azure Key vault to store all secret keys and connections details. * Created flows to move files from Informatica server to Azure Data Lake using SAS tokens. * Developed Data Bricks notebooks to load data to Azure SQL server. * Implemented solutions for ingesting data and processing the Data-at-Rest utilizing ADLS, Blob, Data factory, Data bricks and Azure Datawarehouse. Worked with Historian Db’s like IP21, Dynamo etc. * Designed several ELT pipelines to extract data from API’S like ICIS, ICS. To parse and load JSON data into relational database tables. * Handled Azure SQL DW security and granting access by creating DB roles. * Developed PowerShell script which handles missing columns or new columns in the source flat files and load it into data mart dynamically. * Executed queries using Hive and developed Map-Reduce jobs to analyze data. * Created dashboards in POWER BI. * Supported Huntsman Strategic Information Management Systems (HSIMS) .   **Role: Senior Programmer Analyst May 2015 – Mar 2019**  **Employer: DR Technologies Inc.**  **Project & Client: Informatica Upgrade Project| Sysco Foods, Houston, TX**   * Lead Informatica application to upgrade the Informatica server from 9.6 to 10.2 v from 9.6 one file system to 10.2 three filesystems. * Involved in design phase of upgrading the application to Redhat Linux system from Sule 9.6 version. * Involved in designing the STG and PROD environment Informatica servers to be both as active, up and running always. * Deployed the Backups from Old servers to new servers to each environment. * Validated the Mappings, parameter files, Unix Scripts, AWS S3 config, ODBC Configurations, profile config settings. * Changed BW connection service to new integration services to all mappings and updated BW 3rd party parameters in all info packages. * Used Redwood scheduler queues to run the informatica jobs. It is the Monitoring tool and used to schedule the jobs and check the connections and process servers pointed to Queues. * Listed out the cutover tasks and proper testing to be done with comparing the result sets and getting sign off from business. * Designed a fallback option after the live for 2 months to reduce the licensing cost.   **Brakes Acquisition Onboarding Project| Sysco Foods, Houston, TX**   * Led the BRAKES project which involves in the design, development, testing and implementation of ETL Processes. * Extracted data from BPC (SAP BW) using open hub destination and loaded data to DB2 tables and then to S3 location flat files, which will be later consumed by other application teams by event handlers. * Written complex DB2 scripts needed for queries, triggers, stored procs. * Worked on the control table process and reduced the time taken from 1 hr to 30 min by improving the performance of the existing jobs. Resolved performance issues by increasing the transactional log size, changing transactional log model as simple. | |

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Education    Certifications | **Sysco Management Insights (SMI) | Sysco Foods, Houston, TX**   * Understand the business and developed customer profitability model, which helps CFO’S to understand the profit and how it is being shared across the customers. * Developed SSIS Packages, SSAS Tabular models which involves Multi-Dimensional Model designing, Partitioning, and processing. * Involved in Deployment and Administration on SSIS packages with Business Intelligence development studio. * Involved in optimizing code and improving efficiency in databases including re-indexing, updating statistics, recompiling stored procedures, and performing other maintenance tasks. * Supporting Orchestrator, works as event-based workflow application which automates synchronizing Tabular model. * Used SQL Sentry Monitoring tool for collecting performance statistics for SQL server, Analysis services and tabular clones.   **Role: Senior Programmer Analyst Nov 2014 – April 2015**  **Employer: Techwave Consulting Inc.**  **Project & Client**: **BPC Integrated Planning & Forecasting| Sysco Foods, Houston, TX**   * Major purpose of this project is to bring in the actual sales data by Customer Type. * Automation of source data extract from the General Ledger and sales system is one of the key requirements of this Project. * Developed interface to bring in KAP Data, which is the Corporate Plan data, lying on top of MS SQL server Database, and to load into BW, and then loaded into BPC. Developed SCD - Type I & II. * Conducted Gap analysis to identify the changes and enhancements to current system to accommodate the changes for a new customer. Performed admin activities.   **Role: System Analyst June 13- Oct 2014**  **Employer: TekShapers Inc.**  **Project & Client: OpCo – Order to Cash | ALTRIA, Richmond, VA**   * Worked on loading Customer Master Data, Sales Data, Material Master Data, Pricing into Sap ECC 6.0 from JD Edwards Using ADRMAS, DEBMAS, MATMAS, and COND-A IDOCS using SAP Data services. * Extensively used Toad utility, WinSql for executing SQL scripts and worked on SQL for enhancing the performance of the conversion mapping. * Loaded Material Master Data using Win shuttle Transaction and Material Master Interface through ABAP, also used LSMW.   **Role: System Analyst Feb 13- May 2013**  **Employer: TekShapers Inc.**  **Client: Flex PLM| Levi Strauss & Co, San Francisco, CA**   * Designed and developed Informatica ETL mappings to extract master and transactional data from heterogeneous data feeds and load * Installed and Configured the Informatica Client tools. * Worked on loading of data from several flat files to XML Targets. * Designed the procedures for getting the data from all systems to Data Warehousing system.  |  |  | | --- | --- | |  | Master of Science | Computers Information Systems, FIT, FL – US  Bachelor of Technology | E.C.E from Acharya Nagarjuna University, India |  |  |  | | --- | --- | |  | Certified Data Engineer Associate, Microsoft  Honorary certification – Informatica Professional, Techwave  Certified Application Associate, SAP Data Integration with Data Services | |