**Venkata Sakamuri**

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**Certifications:**

Microsoft Certified **Azure Solutions Architect Expert**

Microsoft Certified **Azure Data Engineer Associate**

Microsoft Certified **Azure Data Scientist Associate**

Microsoft Certified **Azure Administrator Associate**

SAP Certified Application Associate **- SAP HANA**

SAP Certified Application Associate **- SAP Business Objects Web Intelligence 4.1**

SAP Certified Application Associate **- SAP Business Intelligence Platform 4.1**

Scrum Certification

**Professional Summary:**

* 15 plus years of experience in the IT industry in various domains like **Analytics, Cloud, Data warehousing, Azure Data Factory, Databricks, Machine Learning, Python, SAP HANA, BI, Data Services, Power BI** and **SAC**
* Expertise in Data Architecture, Data Modeling, Data Profiling, Cloud Architecture, Enterprise Application Developments using Azure Cloud platform.
* Built multiple data lakes and how the data will be received, validated, transformed and then published.
* Expertise in **SAP HANA** Modeling, Data provisioning (**BODS**, **SAP Landscape Transformation (SLT)** to perform real-time data replication**, DXC, SDA, SDI, SDQ, ODP and ODQ)** and Text analytics**.**
* Expert in designing Mergers and Acquisitions, Spin-offs Data and ETL Architecture
* Expertise in **SAP Business Objects BI Cloud/4.2/BI 4.1/4.0/3.2/3.1**, Crystal Reports XI 2008 and Xcelsius 2008, **SAP Business Objects Data Services 3.1 to 3.2/4.0/4.1 and 4.2, Data Quality and Data Insight.**
* Expert in **SAP Business Objects Data Services** and **SAP Information Steward** 4.x / 3.x.
* Experience in HANA Enterprise Modelling including **Attribute Views, Analytical Views, Calculation Views, SQL scripting, CE functions, Analytical Privileges**.
* Extracted data from various **SAP modules** **SAP ECC**, **BW, FI, Controlling, COPA**, **SD** and **SCM** (Materials Management and Purchasing), SCP and Cleanse using **SAP BO Data Services** tools and maintained the data quality using business validation rules in the **Data Quality** transforms.
* Experienced in all aspects of BI projects including gap analysis, blueprinting, design specifications which include functional specification documents (**FSD**), business process documents (BPD) and technical specification documents (**TSD**), development, performance tuning, testing, documentation, maintenance, training, security authorizations and troubleshooting.
* Good understanding of data migration from legacy system to **S/4 HANA data migration**.
* Developed roadmaps and deliverables plan to migrate existing on-prem applications to Azure Cloud.
* Excellent in **SQL Server 2016/2012/2008/2005/2000**, SQL Server Management Studio, Reporting Services, Analysis Services and Integration Services.
* Experience in Master Data Quality, Master Data Governance, Data Integration, Master Data Processes, Standards and Enterprise Master Data Solution Architecture.
* **Led offshore technical teams** during various M&A projects and IT Implementations.

**Areas of Expertise:**

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| --- | --- |
| * Data Strategy & Analytics * Data Architecture * Data Warehousing * Organizational Leadership, Costing & Budgeting * Multicultural Team Management * Resource & Vendor Management | * Business Process Optimization * Stakeholder Management & Communication * Change Management * Mentoring & Coaching * Agile & Scrum Methodology * Excellent Liaison & Troubleshooting Skills |

**Technical Skills:**

**Cloud-Systems:** Microsoft Azure, AWS, Cloudera

**Cloud Components:** ADLS, Azure Data Factory, Azure Services, Azure CI/CD, Databricks, Machine Learning, Blob, Azure Data Lake storage Gen2

**Analytical/OLAP Tools:** SAP HANA, SAP BW, Business Objects BI Cloud/ 4.2 / BI 4.2/4.1, Power BI, Tableau, SAP Analytics Cloud (SAC) and Analysis of Office.

**ETL:** SAP BO Data Services 4.2/4.1,3.X, Data Quality, Data Profiling, SSIS, SAP Information Steward and Alteryx

**Languages:** Python, Scala, JAVA, SQL, PL/SQL, .NET.

**Databases:** Cosmos DB,Snowflake, Oracle 10x/11x, Teradata, SQL Server 2016/2012/2008, DB2, Sybase 15x/16x, SAP HANA, S/4 HANA.

**Data Modeling Tools:** SAP HANA Studio, SAP HANA XS, SAP HANA XSA, DB Visualizer, ERWIN, Oracle Designer

**ERP/Big data:** Azure,SAP CRM, FI-CO, BW, COPA, SD, ECC, HCM, Hadoop.

**Professional Experience:**

***DuPont, Wilmington, DE***

**Data Solutions Architect/ Technical Lead Jun 2018 to Current**

**Responsibilities:**

* Worked with various M&A business and project teams (DOW Chemicals, CORTEVA and IFF) to collect the requirements for designing databases architecture
* Designed end-to-end architecture and framework to build Data Warehouse
* Setup Data Architecture, Data Flows for various systems
* Build and deployed Azure VMs, storage systems (Blob, ADLS)
* Developed Azure CI/CD pipelines, built many predictive models/APIs in Azure Machine Learning.
* Architect & implement medium to large scale BI solutions on Azure using Azure Data platform services (Azure Data Lake, Data Factory, Data Lake Analytics, Stream Analytics, Azure SQL DW, HDInsight/Databricks, No SQL DB)
* Developed physical data models and created DDL scripts to create database schema and database objects
* Worked with BODS admin to create many SQL and HANA Data Stores in SAP Data Services
* Designed and developed ETL routines in BODS, modified or created new Data Services jobs to meet project requirements.
* Used Formats and Transforms including Flat File formats, Query, Table Comparison, History Preserving, Hierarchy Flattening, Match Transform, Validation Transform, Key Generation and Map Operation.
* Providing continuous support to Integrated Management Reporting
* Designed Visualizations, dashboards in Power BI. Azure Synapse Link/ Direct query to connect Power BI to Cosmos DB.
* Extracting data from various sources, map and transform it to a target data model and load the data into the target, created lot of batch jobs and maintained versioning in DI Central Repository.
* Developed Power BI Reports & effective dashboards after gathering and translating end user

requirements.

* Managed TCS offshore team members
* Mentoring team members and providing valuable suggestions to team to improve the process

**Environments**: SAP HANA, Azure, Databricks, Python, Blob, Cloudera, SAP Business Objects Enterprise 4.2, Data services 4.2, SQL Server2016, HANA, S/4 HANA, BW4HANA, Power BI, Azure CI/CD, Machine Learning, Cosmos DB, Azure Data Factory, Databricks, Python, and Tableau

***Client: SEKISUI SPI – Thermoplastics Manufacturing, Bloomsburg, PA***

**SAP BO Data Services Architect Nov 2016 to May 2018**

***Projects: ERP Upgrade Project***

**Responsibilities:**

* Worked with various BPO’s to collect the business requirements.
* Worked with Data Engineers, DBAs as part of Datawarehouse / Databases design and Development.
* Develop and maintain Enterprise Data Models for Enterprise Class Data Initiatives
* Provided Data strategy, adoption, architecture and design as well as data engineering and modelling.
* Used technical transformation document to design and build the extraction, transformation, and loading (ETL) modules.
* Developed physical data models and created DDL scripts to create database schema and database objects
* Created many **Data Stores** in SAP Data Services
* Designed and developed **ETL routines in BODS**, modified or created new Data Services jobs to meet project requirements.
* Developed many SQL queries/ Stored procedures
* Used Formats and Transforms including **Flat File formats**, **Query, Table Comparison, History Preserving, Hierarchy Flattening, Match Transform, Validation Transform, Key Generation** and **Map Operation**.
* Designed Visualizations, stories in Business Objects Enterprise cloud.
* Extracting **data from various sources**, **map** and **transform** it to a target data model and actually load the data into the target, created lot of batch jobs and maintained versioning in DI Central Repository.
* Developed various Crystal Reports for Finance, Customer Service, Accounts Payable, Accounts receivable and shipping departments.

**Environments**: SAP Business Objects Enterprise 4.2, Databricks, Azure Data Lake, Data services 4.2, SQL Server 2012, Crystal Reports Enterprise, Asana, Oracle 11i, Design Studio, SQL Developer, Power BI and IQMS.

**Rising Pharmaceuticals, Allendale, New Jersey** May 2014 to Oct 2016

SAP HANA/BI/Data Migration Consultant

**CSC,** Falls Church, VA Oct 2013 to April 2014

SAP BI and Business Objects Architect

**SAP, Newtown Square,** PA May 2006 to Oct 2013

SAP Principal Architect/ SAP BI Data Migration Expert

**Vensys Technologies, Miramar**, FL Dec 2005 to May 2006

Senior Consultant

**Bank of Nova Scotia (Scotiabank),** Jamaica, WI Sep 2001 to Sep 2005

Senior Software Engineer

**Lapwing Solutions,** India Jan 2000 to Jul 2001

Software Engineer

**Education:**

Master’s in computer applications, University of Madras, Chennai, India.

Bachelor’s in science, Sri Venkateswara University, Tirupati, India.

**Citizenship:**

United States