

PROFESSIONAL SUMMARY

- Solution architect specialized in Big Data technologies with 16 years of experience with the focus to create business value from cloud services and analytics by improving processes, product performance and decision making
- Designed and implemented the end-to-end solutions that runs on cloud services AWS, Snowflake following the best practices in well architected framework which includes the cost, security, performance, reliability, and operation excellence.
- Technical expertise and good experience in migration from on-prem (SAP HANA) to AWS Cloud & Snowflake
- Multi-skilled and result oriented IT professional with strong experience in Enterprise Technology, Cloud and Solutions Architecture of Data Warehousing, Business Intelligence, Reporting, and Analytics
- Extensive experience in architecting and solutioning for various clients in US in Big data and Analytics space
- 10+ years of progressive experience with various SAP methodologies, Data Warehousing, Business Intelligence and SAP HANA
- Extensive experience in implementation of large million-dollar projects in High Tech industry like Telecommunication, Networking, Healthcare and pharmaceuticals
- AWS Certified Data & Analytics – Specialty, AWS Certified Solution Architect, and Snowflake Certified SnowPro Core

AREA OF EXPERTISE

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| ▪ Solution Designing and Architecting | ▪ Cloud Services - AWS, Snowflake, SAP HANA Cloud | ▪ Project Management |
| ▪ Data warehouse design and Implementation | ▪ Data Ingestion, Modeling, Security and Performance Tuning | ▪ Partner, client and Stakeholder management |
| ▪ Big Data Processing Frameworks | ▪ Data Analysis and Visualization | ▪ Technical Presales/Alliance |

PROFESSIONAL EXPERIENCE

@CISCO

Solution Architect – Data & Analytics

2016 - present
San Jose, USA

- Lead and manage Data Platform Center of Excellence for Data and Analytics platform
- Created Internal white papers on Standards, Best Practices and Guidelines to be followed across all solutioning teams in D&A Platform
- Involved in design, configuration, testing, Implementation while migrating the on-prem workload to AWS, HANA Cloud, Snowflake
- Lead and manage automations and frameworks in big data platforms like SAP HANA, HADOOP, AWS, SNOWFLAKE
- Designed and Implemented security model for the entire platform team in compliance to the best practices recommended by SAP
- Experience working with AWS Services such as Athena, Glue, Lambda, S3, DynamoDB NoSQL, Relational Database Service (RDS), Amazon EMR and Amazon Redshift
- Involved in architecting, design and Implementation of Python based consumer framework to ingest and process the near Real time CISCO Quote JSON data from KAFKA consumers to HANA. This reduced the quote data latency from 24 hours to few mins
- Designed and implemented the architecture and approach for incremental data extraction from HANA to Snowflake
- Optimize performance on snowflake to reduce the cost by 10 to 15%

Technologies used: SAP HANA Cloud, AWS (Kinesis, Lambda, Glue, S3, Quicksight), Snowflake, Data analytics tools & technologies (SAP HANA, SAP BI suite, SAP ETL), Python, Apache Kafka, Teradata, Oracle

@MemorialCare Health System

Technical Manager/Solution Architect

2015 – 2016
Los Angeles, USA

- Lead architect in designing and Implementation of migrating Oracle DB to SAP HANA DB
- Involved in Business and Architecture discussions. Writing the technical specifications, standard modeling, and Implementation documentation for HANA for four tracks – Professional Billing, Managed Care, Appointment/Schedules and Accountable Care Organization.
- Using Oracle as source and SAP HANA as target with SAP Data Services as the Integrator
- Analyzed and translated the client's business requirements and functional specifications into technical specifications, data flow diagrams and data models
- Contributing to story point estimation and assisted in velocity calculations, Prepared and Presented Sprint releases and product demos in an agile environment
- Architected the data ingestion strategy from various source systems.
- Lead and managed the team to build data models in SAP HANA.
- Lead the BI Team to build reporting solution.

Technologies used: SAP HANA, SAP BW, SAP BI suite, SAP BODS, XCELCIUS, Teradata, Informatica, Oracle 10g/11g

@eBay Inc.

Lead Data Architect

2014 – 2015

San Jose, USA

- Architected complex Workday HCM replacement project for SAP BW to address the reporting needs for Human Resources, Finance and the Talent Acquisition teams
- Lead and managed the team in design, development of new 22 custom interfaces to move the source of the HR data from SAP to Workday
- Involved in full life cycle implementation that includes Analysis, Development, Testing, Reporting, Go-live and Post Go-live support
- Analyzed and translated the client's business requirements/functional specs into technical specs, data flow diagrams and data models
- Involved in a detailed gap analysis between the SAP Standard Business Content and Reporting Requirements
- Extensively involved in creating the detailed reporting requirements documents for each reporting area and for the cross functional reporting

Technologies used: SAP HANA, SAP BW on HANA, DB2, Informatica, Workday, Python, Business Objects Reporting, Business Objects Universe Design, Informatica, DB2, AIX, MS SQL Server, Quality Center, XCELCIUS, UNIX Scripting

@Kaiser Permanente Inc.

Data Architect

2007 – 2014

Pleasanton, USA

- Worked closely with SAP team on implementing the First Customer's project on HANA.
- Analysis of the BWA setup, sizing, BWA configuration, memory utilization, query/indexing performance, monitoring and troubleshooting various performance and stability issues to ensure successful go live and smooth ongoing operations
- Worked on extractions from heterogeneous Source System including SAP and non-SAP systems.
- Importing Meta data in the ETL process using the Import Selective Meta data for (SAP BODS) prior to on boarding data into SAP HANA
- Developed Jobs in BODS with simple and complex transformation which do the ETL between Oracle and HANA
- Configured, Imported meta data, Table definitions, Created transformation, Replication, Troubleshooting using SLT (Replication Server)
- Created data sources using generic and application specific extraction (LIS) for SD and MM modules and loaded the business content. Created Info Packages and Info-Package Groups to do Full, Initial, and Delta extraction for both Master and Transaction data.
- Created classical and interactive reports using BEx Reports, Workbooks and Queries for the required Purchasing and Sales Order queries

Technologies used: DB2, Mainframe, COBOL, Quality Center, Tandem, SQL Developer, QTP, Toad, SAP BW, BODS, SAP HANA

@CSC / Kaiser Permanente Inc.

Data Engineer/Tech Lead

2004 – 2007

Chennai, INDIA

- Built the Reporting Solution for all the Core Base Tables for the IT Stake holders of the Providers and Pharmacists group
- As the part of BI team, maintained ETL processing and data validations
- Maintained Rational Clear Quest defect tracking tool including submitting and assigning defects to the application developers along with the release of defect aging reports
- Analyzed the business requirement documents and functional requirement document, use cases, technical specification document
- Developed and recognized for recommending feasible solutions to complex problems and trouble shooting them within deadlines

Technologies used: DB2, Informatica, Business Objects Reporting, Mainframe, COBOL, Quality Center, Tandem

CERTIFICATIONS

- AWS Certified Data Analytics – Specialty
- AWS Certified Solution Architect – Associate
- Snowflake Certified SnowPro Core
- SAP Certified Application Associate for SAP HANA
- PMI Certified Project Management Professional – PMP
- ASQ Certified Six Sigma Black Belt Professional - SSBB
- IBM Certified Database Associate

EDUCATION

University of California, Berkeley

Data & Analytics Program

Big Data, AWS Cloud, Machine Learning, Visualization

University of Madras, India

Bachelors in Electronics and Communication Engineering