**Venkat D**

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**703-939-1502**

**PROFESSIONAL SUMMARY**:

* **Having 11+ Years of IT experience in SAP Native HANA, SAP SLT, SAP BW4HANA, SAP BW 7.x and SAP BW 3.x, BO,** **SAC, S4 HANA and SAP ECC.**
* Develop and execution of BI Strategy, Project Delivery, Development and Implementations, Application consolidations, Migrations, Upgrades, Support and Operations and Team Management.
* Masters in native HANA architect end to end design, development and deployment of solutions.
* Expertise in Native HANA concepts like Calculation views, Joins, projections, Procedures, Table functions, Semantics, Aggregation, Rank functions, transportation, CDS Views, AMDP and SQL scripting.
* Expertise in all technical capabilities of SAP BW 7.x and SAP BW 3.x like Transformations, DTP’s, Multi providers, DSO/ADSO, Info Cubes, Transfer rules, Update rules, Data Sources ,multi providers,

Composite providers, Open ODS Views and HP ALM tool for testing.

* Experience in creation of Process chains and scheduling, monitoring of daily and weekly and monthly data loads in Production support environment.
* Data extraction from SAP-R/3 (LO-cockpit, and Generic extractors) and non-SAP systems like flat files.
* Functional areas like S4/MS4 HANA, SAP SD, SAP MM, SAP FICO, Supply chain and SAP PLM, SAP MDM.
* Experienced with BW relevant ABAP tasks like Start routine, end routine and Expert routine, customer exits.
* Experienced with Transportation of SAP BW/HANA objects from Development to Test environment.
* Experienced with SAP Landscape Transformation (SLT) replication and monitoring of table data processing.
* Experienced with Service now incidents updating and using of Charm ID process for objects transport.
* Proficient in SAP’s ASAP Methodology and well versed with business process of SAP BW and Native Hana.
* Experience with proper data architecture, PSA maintenance, Info Packages, Data Transfer Process (DTP), Delta functionality.
* Experienced with SAP BW Business Content and implementation of the same in the appropriate
Functional area and to activate business content.
* Worked on BEx reporting tool to create Restricted Key Figures, Calculated Key Figures, Exceptions, Conditions, Variables and Filters.
* Performance tuning, Improved data load and query performance by doing Compression, Aggregates and Partitioning.
* Worked on Business Objects Information Design Tool (IDT), Webi Rich client, Explorer.
* Exposure into SAP BODS and SAP BPC Embedded environment,SDA.
* Expertise with Eclipse and Hana studio usage for Native HANA and SAP BW objects.
* Exposure into Data Warehouse Cloud (DWC)/ SAP Datasphere concepts.

**TECHNICAL SKILLS:**

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| SAP Data Warehouse | SAP HANA 2.0, SAP BW 7.x, SAP BW, BW4HANA 1.0, SAP BO 4.2, Hana 2.0, SAP BI/7.5/7.4/7.0/ 3.5, |
| Reporting Tools | SAP BO Webi 4.x, BEx Designer, Analysis office, SAP Analytics Cloud 1.0, Power BI |
| Programming Languages | HANA SQL Script, CDS Script, ABAP, SQL |
| Databases |  SAP HANA2.0/1.0,Oracle 10.x,Microsoft SQL Server |
| Data Modeling Tools | SAP HANA Studio, Eclipse, MS SQL Server Management Studio, Visual Studio |
| SAP ERP System | S4 HANA,SAP R/3 or ECC |
| MS Office | MS Excel, MS Word and MS Power Point |
| Defect Tracking Tools | JIRA, Remedy, HP ALM, Service now |

PROFESSIONAL EXPERIENCE:

**Client: HP Inc., Houston, TX Sep 2018 to till date.**

**Role: SAP Native Hana/BW4HANA/Analytics Consultant.**

Responsibilities:

* Experienced with Hana Calculation views, input parameters, Projections, filters.
* Created table functions/procedures and calculation views to implement logic for KPI building
* Performance optimization of HANA views using planviz and query optimization.
* Performing Unit test and UAT test for all KPI’s and HANA calculations and reports.
* Communicated directly with project stakeholders, providing timely updates on project advancement
* Managed the team of HANA and BI resources for client delivery.
* Preparation Technical Design documents based on Functional documents and test documents post development.
* Expertise with DTPs, Transformations, ADSOs, Composite providers, ODP extractor’s data extraction.
* Hands on Experience in creation of Business objects (BO) reports on top of Hana Views.
* Master with S4/MS4 tables VBAK, ACDOCA, VBRP, PRCD\_ELEMENTS, LIKP, MATDOC, MARA etc.
* Functional expertise in Supply chain, Finance and Material Master Data, Inventory and PLM.
* Experienced with SLT replication of Tables from S4, MS4, PAPM source systems.
* Experienced with BEx Query designer to develop reports.
* Handled JIRA requests and Service now incidents with different priority as per the SLA.
* Participated in MEC, QEC and YEC closure war room meetings and also shared KT to new joins.
* Working Exposure on Tableau, Power BI and SAP Analytical Cloud (SAC) and AFO reporting.

Environment: SAP Native HANA, SAP BW4HANA, SAP Business objects, Tableau, Power BI, SAP Analytical Cloud (SAC), Analysis for Office (AFO), IBP, BODS, BEx Tool, SQL, JIRA, ECC, S4 HANA Fiori.

**Client: Holcim, Chicago, IL Nov 2016 to Aug 2018.**

**Role: SAP BW on HANA/BO Consultant.**

Responsibilities:

* Experienced in creation of Advanced DSO, Composite provider and building reports on top of Composite provider.
* Involved in Migration of older version BW objects into newer version.
* Experienced in creation of Transformation, DTP and Info package.
* Involved in creation of start routine and field level routines.
* Involved in Process chain creation and scheduling.
* Maintained Year-end Activities for the billing (Sales stats, Installation facts and Winter Period Average) for these new areas. Optimized the BEx reports which are taking longer time with APD.
* Optimized data extraction data load times for transactions data.
* Developed Dash Board reports (Demonstration Dashboard report and Water Quality Dashboard report)
* Complete requirement gathering for EAM (Enterprise Asset Management) and made a road map for the project.
* Designed Winter Period Average Report and designed respective Dash Board.
* Analyzed the client requirement and update the data refresh for every an hour for notifications and Emma Case.
* Designed modeling for Land Lease customer Report in Billing Area.
* Supporting all functional areas (FICA, Billing, DM and CRM) in the report point of view in BW.
* Worked in creation of Variables, CKF, RKF and formulas in BEx Query Designer.
* Worked on transporting of BW objects from Dev to across landscape.
* Experienced in creation of Business objects reports on top of BEx queries.
* Involved in cut over activities like Delta data cleanup.
* Involved in performance improvement activities like change log deletion and PSA logs deletion.

Environment: SAP BW on HANA, SAP ABAP, Analysis for Office (AFO), SAP Business Objects, SQL, BEx Query Designer.

**Client: SAP AG, Newtown Square, PA Aug 2014 to Oct 2016.**

**Role: SAP BI/HANA/BO Consultant**

Responsibilities:

* Worked on BO servers (Tomcat, CMS and other services like Webi, crystal reports) stop/start.
* Worked on BO info spaces scheduling and indexing.
* Worked on creation of Connections, Universes and Webi reports.
* Experienced on deletion of log files of tomcat and instance clean-up activities.
* Moving BO Reports from DEV to PROD using Promotion Management in CMC.
* Collected required server traces for further analysis.
* Worked on business process Volume re-alignment project (BEx-reports) in which CID team will allocate case sales to different counties to process case sales to develop these Reports used Monthly Close cubes and modified Open Hubs.
* Responsible for the SAP BW/BI overall Solution Delivery, Project Management and worked on the complex and critical modules of Direct Energy which include Cut over and successfully deployed the system within the agreed timelines.
* Managed Transportation, Cutover Management, Project go-live readiness checks and HP-ALM
* Experienced in creation of Hana Calculation Views, Table functions and Procedures.
* Build/ Design reports for incentive commission management and Profit and cost center Accounting.
* Development objects deployed to quality system and preparing unit testing.
* Redeploying the Calculation views, attribute views and analytical views.
* Experienced with execution of wrapper procedures in SQL console of HANA studio.
* Worked on data load issues and provided solutions with in timelines.
* Involved as a SPOC for TR Creations & TR releasing as per the BI Change Management process.
* Worked on BEX report issues and escalated to 3 RD Level when needed.
* Worked as SPOC during post MD / RD activities.
* Provided KT sessions to new joiners.

Environment: SAP Native HANA, SAP BW4HANA, SAP BW on HANA, SAP ABAP, BEx Query Designer, Analysis for Office (AFO), SAP Business Objects, SQL, BO, BI, BPC, SAP ECC.

**Client: DSM, Parsippany, NJ July 2013 to July 2014.**

**Role: SAP BI/ABAP Consultant.**

 Responsibilities:

* Monitoring the process chains on the basis of daily, weekly & monthly.
* Involving in solving leve3-prioritized tickets regarding extractions and data load failures.
* The ticketing tool using for to receive incidents through Remedy.
* Working on process chains to automate the Deleting indexes in Info cubes,
* Using open hub to export data from BI to External systems 3rd party tool.
* Involving in Unit testing, Integration testing, Regression testing and User acceptance tests.
* Enhancing the existing reports as per the new requirement.
* BW Data load Scheduling, Monitoring and Troubleshooting data extraction/ load Problems.
* Taking Care of Customer’s Issues and Requests. Solving errors according to priority. Interaction with client.
* Analyzed and corrected daily/weekly/monthly loads with full update and delta mechanism from different source systems.
* Handling post production support and development of new design Process Chains simultaneously.
* Involved in creating and maintaining Info Cubes, DSO Objects, PSA, Info Objects, Info Areas, MultiProviders, Info Sources, Data sources, and Info Packages.
* Uploaded master and transactional data from flat files and SAP R/3 into SAP BI.
* Defined queries and structures using RKF, CKF, Structures, Exceptions, and Conditions etc.

Environment: SAP Business Intelligence (BI), SAP ABAP, BEx Query Designer, SAP Business Objects, SAP R/3, Remedy.

**Client: ABN AMRO Bank, New York, NY Jan 2013 to June 2013.**

**Role: SAP BI/ABAP Consultant**

Responsibilities:

* Involving in solving tickets related to extraction, performance issues and data load failures.
* Prisma is the ticketing tool used for to receive incidents.
* Experienced with Info Cubes, DSOs, PSA, Info Objects, Data Sources, and Multi Providers etc.
* Worked with the BI Strategy involving Current state architecture analysis and addressing them with To-be state recommendations involving the tools like BW 7.3 Upgrade, BI and SAP HANA.
* Performed the SAP HANA/BW/BI Assessments- AS-IS state, Fit/ Gap Analysis, TO-BE state and Roadmap for the clients.
* Created the BI Reports using HANA Models.
* Manage the BI team, worked with the Cross-Functional teams like OTC, ICM, etc. in planning the BI Tasks with dependencies.
* Worked with the BI team in performing the BEX Synchronization, BI Code Merge between parallel developments, Mock Cutover etc.
* Identified the tools to deliver the overall reporting solution – BI – WEBI/Dashboard, BW 7.3, ABAP reports and Genesys report.
* Working with the BI 7.x HCM as a Project Lead/Architect for providing the BI HCM Reporting Solution
* Worked with BI 4.0 with Client tools like WEBI, BO Explorer and Dashboards.
* Worked on master and transactional data extraction from flat files and SAP R/3.
* Created Transformations and DTPs for to Transfer Data to the Targets in the BI 7.0 environment.
* Worked on BEx queries using RKF, CKF, Structures, Exceptions, and Conditions etc.

Environment: SAP Business Intelligence, SAP ABAP, BEx Query Designer, RKF, CKF, SAP R/3, Prisma, SAP HANA, BI HCM,SAP OTC, HANA Models, BI Reports.

**Client: DSCL, New Delhi, India Jan 2011 to Jan 2012.**

**Role: SAP BW/BI Consultant**

Responsibilities:

* Monitoring of info packages and analyzing the reasons for frequent failures of info packages.
* Experience with preparation of weekly status report and sent it across to the client.
* BI Data load Scheduling, Monitoring and Troubleshooting data extraction/ load Problems
* Worked extensively on extracting data from R/3 and non- R/3 source systems.
* Handled the Incidents through CCM.NET by giving the proper resolution.
* Expertise with Data source, Info package, Transformation and DTP for master data, DSO objects.
* Enhanced the extract structures by adding new fields and populating them at report level.
* Involved in BW Configuration as per the needs of customer, modelling the data, defining the extraction process and developing the reports.
* Optimized the performance related to query execution and data extraction. Developed the aggregates improve query performance.
* Developed Historical reports like forecasting accuracy, demand plan reports, Pre demand plan, etc. Enhanced the existing reports as per the new requirement.
* Installed the BW statistics, involved in the setup of the extraction policy, analyzed system reports for performance related issues.
* Created Update Routines and Transfer Routines so as to incorporate business logic and to map the source system data into BW as per the client requirements.
* Modified existing queries on various Info Cubes by using Filtering, Free Characteristics etc.
* Extensively worked on LO extraction cockpit to extract data from source system (R/3).
* Reconciliation’s to verify the data in SAP R/3 and SAP BI are same or not after the data loads.
* Designed queries in BEx Query Designer using Conditions, CKF, RKF, Structures and Variables.

Environment: SAP Business Warehouse (BW), SAP ABAP, BEx Query Designer, CKF, RKF, CCM.NET,

 SAP R/3, BI Data Load.

**EDUCATION:**

**Master of Business administration (MBA) from Osmania University, India 2005.**

**Bachelor of Science (BSc) in Computers from Nagarjuna University, India 2003.**

**Certifications:**

 **SAP BW4HANA Certified.**

 **Exposure SAP Datasphere(DWC) certified.**