**Adarsh H B**

**Contact No: +91 8861160561**

**Email ID:** [**adarsh\_hb@yahoo.co.in**](mailto:adarsh_hb@yahoo.co.in) **/** [**adarsh1860@gmail.com**](mailto:adarsh1860@gmail.com)

**SAP BW/HANA Consultant**

**Expirence : 5 Years**

Work Experience

* Currently working as **IT Analyst** with **TATA Consultancy Services, Bangalore** **(Jun 2016 - till date).**
* Worked as **SAP Technical Consultant** at **Horigine Consulting Private Ltd, Bangalore (Oct 2013 - Jun 2016).**

Area of Expertise

**SAP BW/HANA**

* Expertise in **Data-Modelling, Data Extraction, Data Loading, Scheduling, Monitoring, Reporting and Performance Tuning**.
* Involved in **Generic Extraction** for Master Data and Transaction data extractions from SAP R/3 system. Creation of **Generic data sources** with Tables, Views and function modules. Knowledge on Data Source Enhancement.
* Good Knowledge in working with **Classical BW objects** like, Info Objects, Datasources, Info Packages, Application Component, Info Sources, DSO, Transformations, DTP, Info Cubes, Multi Providers, SPO, Info Sets, Open Hubs and Process Chains.
* Hand on experience in new **SAP BW (Version 7.4/7.5)** objects like **Composite Provider, Advanced DSO, Open ODS View, ODP/ODQ etc**.
* Experienced in building new BW objects in **Eclipse** environment.
* Worked on developing new BW objects which involve **mixed scenarios**.
* Sound knowledge on **BW-ABAP** concepts like, transformation routines (Start Routine, End Routine, Field Routine and Expert Routine), routines in Info packages and DTPs.
* Experience in creating **Custom Hierarchy** in BW system.
* Performed **Performance Tuning** in BW by creating indexes for frequently used queries, Partitioning, Compression and Aggregates on Info Cubes (BW classic).
* Extensively worked on **Query Designer** and created Restricted Key Figures (**RKF**), Calculated Key Figures (**CKF**), Variables, filters, exceptions and structures. Also worked on Replacement path and Report-to-Report interface.
* Worked on **Customer Exits** for building logic for Customer Exit variables and also building logic for Custom Data source in BW system.
* Experience in creating reports in **Web Application Designer**.
* Expertise in **transportation** of BW objects in SAP landscape (Development – Quality - Production).
* Good knowledge on **BW authorizations** concepts.
* Knowledge on **Analysis Process Designer** (APD).
* Knowledge on **Layer Scalable Architecture** used for data modeling.
* Aware of **BW-IP** concepts.
* Experience in End-to-end **testing** of an application and designing of test cases.
* Experience in **BW Support activities**.
* Knowledge on **SAP BW4HANA.**

**SAP HANA (HDB)**

* Experience in working with **HANA Tables, Views and Procedures**.
* Hands on experience in **HANA native modeling.**
* Extensively worked on creating HANA Information view like **Attribute views, Analytic views** and **Calculation views**. Good knowledge on **Variables/Input Parameters** and **Calculated/Restricted Columns** in HANA views.
* Worked on **Analytic Privileges**, **Schema Mapping,** and Decision Tables.
* Good Knowledge on **SQLScript**.
* Good experience in **HANA Repository objects (HANA CDS)** for creation of tables, different types of **stored procedures** and authorization objects etc.
* Knowledge of **HANA Life Cycle Management**.

**SAP ABAP/4**

* **Data Dictionary**: Creation & Maintenance of Tables, Views, Structures, Search helps and other dictionary objects.
* Experience in **Open SQL statements** in ABAP.
* Worked on **Reports and Function Modules** (Remote Function Calls, BAPIs) creation.
* Hands on knowledge on **Module Pool Programming**.
* Experience in **Customer Exits**.
* Worked on **OOABAP and BADI implementation**.
* Knowledge in **SQL trace and Code Inspector** in ABAP.

**Other Skills**

* Good Knowledge on **SAP Authorization** Concepts.
* Hands on experiences in **SAP Transport Management**.
* Experienced with **Analytics for Office** (AFO).
* Knowledge on **SLT**.
* Knowledge on **SAP ABAP Core Data service** (CDS).
* Good **SQL and RDBMS** skill set.
* Practical experience on **Java, HTML, CSS**.

Project Experience

**Project 1**

**Client**: SAP SE, Germany (Offshore Project)

**Project Type**: Development and Support

**Role**: SAP BW and SAP HANA Technical Consultant

**Duration:** Jun 2016 to till date

**System:** SAP BW 7.4/7.5 and SAP HANA 1.0/2.0

**Responsibilities**:

* Main responsibilities involve Developing and Enhancing of BW/HANA objects along with troubleshooting L2-L3 production issues.
* Direct communication with business colleagues and end users to gather requirement and issue resolution respectively.
* Involved in enhancing Master and Transactional data flows related to HR content.
* Enhancement typically involved adding new attributes to HR master info objects and using them in transactional flow as per the business requirement.
* Involved in creating and enhancing of HR HANA view built on tables of BW objects.
* Different enhancements involved are, remodeling of the views to accommodate new KPI’s (for actual, Hiring, Terminations, Positions etc.), addition/removal of attributes from the view as per business needs.
* Providing support for HR cubes PHRPAXX1 (Headcount and Actions), PHRPAXX2 (Positions) and HR HANA views in production environment.
* Worked on developing BW objects (Flat-file Datasources, Info Objects, ADSO, Composite Provider, Bex Query) of new content in HR area called ‘HR36’ (360 Rating of Employee).
* HR36 development involved cleansing of data in transformation routines as the data coming from flat files were not SAP compactible. Routines also include various business related logics as well.
* Worked on developing HANA views for realizing KPI’s for Interns is HR area. Development involved creation of multiple base calculation views which were consumed in one final reporting view.
* Enhanced PHRPAXX1 data flow to integrate data from HANA box to BW box with the use of Virtual provider, ADSO and transformation routines.
* Successfully implemented a process optimization step for past month’s data reloads of HR transactional data which reduced two days of manual work to half a day work. This implementation was appreciated by HR Analytics owner.
* Created composite provider form calculation views (Mixed scenario). These HANA views were created from tables replicated from external Fieldglass system via SAP Data services.
* Involved in creating new master data calculation view for Bank rating used for Treasury content. Also created table (static) and procedure to load the data to table which was part of calculation view.
* Worked on a POC for creating HANA views which provided the overview of support tickets (SAP CRM service) and other KPIs used in our project.
* Support also covers resolving data load issue related to HR topics.
* Supported Testing team in testing of objects post system upgradation.

**Project 2**

**Client**: Robert Bosch Engineering & Business Solutions Limited, Bangalore (Onsite project)

**Project Type**: Support (L2-L3) and Development

**Role**: SAP BW Technical Consultant

**Duration:** Oct 2014 to Apr 2016

**System:** SAP BW 7.3

**Responsibilities**:

* Handled the tickets of priority High, Medium, Low and change requests CR's, never missed the (SLA) Service Level Agreement.
* Job monitoring and scheduling Process Chains and Fixing Process Chain failures during data extraction.
* Use of UC4 tool for Job and Process Chain Scheduling.
* Analyze the errors in the data loads.
* Reconstruct the data requests from PSA in case of data load failure.
* Created and scheduled Error DTP to handle error records on error stack.
* Supporting Basis Team at the time of patch installation.
* Supporting internal team to integrate BW system to Identity management (IdM) system to automate role assignment to the users.
* Implemented custom proxy authorization for Lead and Opportunity reports via customer exits in query designer.
* Involved in Development of new data flows for CRM Survey data using the standard DataSource 0SVY\_DATA\_1 using LSA.
* Built new query for the analysis of Survey data. A spider chart was built in WAD to better analysis purpose.
* Created new reports on Marketing Plan and Campaign data.
* Involved in Training to the End-users on regular basis.
* Suggested improvements and new developments to Business.

**Project 3**

**Client**: Robert Bosch Engineering & Business Solutions Limited, Bangalore (Onsite project)

**Project Type:** Implementation

**Role**: SAP BW Technical Consultant

**Duration:** Mar 2014 to Oct 2014

**System:** SAP BW 7.3

**Responsibilities:**

* DataSource Identification and replication in SAP CRM System to SAP BW system as per Business requirement.
* Involved in creation of Custom data sources (Attribute, Text and Hierarchy) in CRM system for the Z-objects.
* Involved in enhancement of the standard data source for the new fields added from AET in CRM system as part of business requirement.
* Creation of necessary BW objects like InfoObjects, DSO’s, Infosources, Transformations, DTP’s, InfoSources, InfoPackages, etc.
* Creation of InfoCubes to store transactional data from standard CRM data source like 0CRM\_OPPT\_H (Opportunity Header), 0CRM\_OPPT\_I (Opportunity Item), 0CRM\_LEAD\_H (Lead Header), 0CRM\_LEAD\_I (Lead Item), 0CRM\_SALES\_ACT\_1 (Activities) using LSA.
* Building ABAP code to validate data in data flow (Transfer Routine).
* Creation of custom Data source in Source system (SAP CRM System) to get Reporting Hierarchy details maintained in SAP CRM (T-code: PPOMA\_CRM).
* Creation of Custom Hierarchy data source in BW system to build hierarchy master data using Standard Customer Exit (RSAP00001).
* Creation of Process Chain for data flow automation.
* Building Reports (Query Designer and WAD) based on Lead, Opportunity, Activity, Marketing Plans and Campaigns data.
* Creation of Calculated Key figures and Restricted Key Figure for the Query Designers.
* Creation of different types of variables used in Query Designer.
* Building logic in CMOD (RSR000001) for Customer exit variable for the filter conditions in reports.
* Creation of transport requests for the developments and releasing it to the quality system.
* Developed RFC enabled Function Modules which reads cube data.
* Involved in Project documentation work.
* Support at Project Go-Live.

**Project 4**

**Client**: Robert Bosch Engineering & Business Solutions Limited, Bangalore (Onsite project)

**Project Type:** Implementation

**Role**: ABAP Consultant

**Duration:** Dec 2013 to Feb 2014

**System:** SAP CRM 7.2

**Responsibilities:**

* Created custom Tables and View for maintaining master data (Delivery Organization Structure) which was used in BOL programming in SAP CRM.
* Worked on Events in Table Maintenance Generator for Table views.
* Building RFC enabled Function modules.
* Worked on Agent Determination FM used in Workflows.
* Worked on Standard (CRM\_ORDER\_SAVE BADI) and custom (Status change BADI) BADI’s used in CRM Opportunity Management.

Courses

Have completed below mentioned courses offered by OpenSAP.

* **SAP Business Warehouse powered by HANA**
* [**SAP BW/4HANA in a Nutshell**](https://open.sap.com/courses/bw4h1)
* [**Modern Data Warehousing with SAP BW/4HANA**](https://open.sap.com/courses/bw4h2)

Academic Profile

**Bachelors of Engineering** in **Information science** (75.5%) **from Visvesvaraya Technological University** (VTU).

Personal Details

Name (as in Passport) : Adarsh Hassan Balaprabha

Date of Birth : 27/11/1991

Languages known : English, Kannada, Hindi

Nationality : Indian

Passport Number : L7567882 (Valid till 05/03/2024)

Marital Status : Single