# *Cover Letter –* ***A V Sivaram Sarma*** *– SAP Analytics Technical Specialist*

*A. V. Sivaram Sarma* is an ***SAP Certified Consultant***, currently working as an SAP Analytics Technical Specialist in HCL Technologies (***HCL***) - India. He has completed his Master’s in Computer Applications with ***80*** %. He has Over **15 Years** of experience as **C**onsultant, **L**ead and **A**rchitect roles played in ***I***ndia ***/ G***ermany / ***N***orway / ***C***hina regions. He started his SAP journey as an ABAPer and take a shift to work as a Data Analyst by leveraging SAP’s **S/4HANA**, ***BW****, BW on* ***HANA****,* ***BW/4HANA*** *and* ***Native HANA***, ***M***icrosoft ***P***ower ***BI***, Web UI, Lumira Designer and Tableau technologies. In parallel, he is focusing on AI & ML technologies with Python to become a certified consultant. He is an expert on building ***CDS V***iews in **S/4 HANA** to expose business data in ***Fiori Apps***, ***E***mbedded ***A***nalytics ***A***pplications & BW/4HANA systems, designing Web Services in BW/4HANA system for Inbound / Outbound operations via CPI-DS tools to build interfaces with non-integrated SAP systems, experience in building the automation tools in SAP IDOCs processing / Event management areas. He has a strong experience as a Techno-Functional consultant and knowledge on widely used SAP’s Functional Modules. He is an expert in pressure handling and deliver the objects in-time as per the leadership recommendations.

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| --- | --- |
| ***Projects*** | **6** End – End implementations, **2** Roll-Out, **3** Dev. & Support, **1** Product Development |
| ***HANA*** | SAP S/4HANA, BW/4HANA, SAP BW 7.x, BW on HANA, CDS Views, HANA XSA Prog. Model, SQL Script., Procedures, Triggers, Table Functions. |
| ***ERP*** | SAP ERP 4.6x, ECC 5.0, 6.x- ABAP /UI5, S4 HANA. |
| ***Reporting Tools*** | ***M***icrosoft ***P***ower ***BI***, Lumira Designer, Analysis for Office, QlikView, Tableau, Informatics (ETL), SAP Analytics Cloud (SAC), Fiori. |
| ***Interfaces*** | CPI-DS for IBP, PI, BPC, IBM WebSphere SAP Adapters (Java), ALE-IDOCs, SDI, SLT, SDA. |
| ***Functional Areas*** | FICO, PP, QM, MM, WM, eWMS, CRM, SD, OTC, 3PL, GTS, CRM, SRM, SCM-SNC. |

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A . V . S I V A R A M S A R M A

S A P – BW/4HANA Technical Specialist

OBJECTIVE

With an assertive and self-seeking attitude, devotion to the duty and determination to succeed, I aim to reach a responsible and challenging position in **SAP implementation** team that would leverage my knowledge and experience in development and implementation.

TECHNICAL EXPERIENCE

Over **14 Years** of experience in various **SAP** implementations, currently working with **HCL Technologies India Pvt**. **Ltd.,** as a ***Technical Specialist***on SAP BW4/HANA with areas of specialization on Open ODS Views, **BW Data Modeling, BEx,** Webi Reports, Advanced DSO, Cal./Attribute/Analytical Views, NLS, Super Queries, ***ETL Tools***, ***Middleware integration tools***, Composite provider, SQL Scripting, ***CDS Views***, Analysis for Office (**AO**), Microsoft **Power BI**, Lumira Designer, SAP Analytics Cloud (***SAC***) reporting tool, RFPs, PoCs execution, Estimations.

PROFESSIONAL SUMMARY

* Having **6 End – End** implementation **experience**.
* Having **2 Roll-Out** experience.
* Having **3 D**evelopment & **S**upport experience.
* Having **1** Product development experience.
* Expertise on ***RFP***’s / ***PoC’***s execution and estimations.
* Through understanding on HANA security including User Management, Roles and Privileges.
* Expertise in HANA ***SQL scripting.***
* Strong in **I**mplementing / **E**nhancing the Data Sources **ECC** R/3 --> **BW**, S/4HANA 

BW/4HANA, ***CDS V***iews implementing Experience.

* Expertise in Data Modeling, **BEx** Reporting.
* Expertise on handling the SAP 🡨🡪 non-SAP integrations by levering middle ware tools (***CPI-DS*** / ***WebSphere*** SAP Adapters / ***XML*** Adapters /etc…)
* Strong Experience on **D**ata **M**odeling using **HANA S**tudio.
* Through understanding on **A**dvanced **DSO** / **C**al. / **A**nalytical / **A**ttribute **V**iews
* Expert in Exposing the HANA calculation views data to another SAP / Non-SAP systems.
* Experience in SAP BW reporting especially on **SD, FICO** (***GL, AP, AR, COPA***), **MM**.
* Experience in **SDA**, **SDI** configurations and data transfer process.
* Expert in **Data Loads**, **Monitoring** & **Failure rectifications**, **Data Load Optimization**.
* Expert on writing **Routines**, **Formulas**, **DTP Filter routines**.
* Expert in **CDS** views building, ***OData*** Model and activating the ***Fiori*** based SAP provided Queries
* Strong experience on building the **BO WebI** reports using **BEx query**.
* Strong experience on HANA Enterprise Modelling including ***Att***ribute Views, ***Ana***lytical Views, ***Cal***culation Views, ***SQL*** scripting, ***CE*** functions, ***A***nalytical ***Priv***ileges.
* Experience in **ALE** and **IDOC & RFC (tRfc, qRfc)** programming.
* Strong Experience in **Optimize the** heavy Data Loads .
* Experience on Data migration process & Tools.
* Experience to analyze Functional, Technical specifications and create Development objects with ABAP/4 programming.
* Generated Classical, Interactive reports and ABAP list viewer
* Experience in Module pool & Transactions Development including Screen & Menu painter.
* Experience in SAP **S**cripts, **S**mart **f**orms and Adobe Forms.
* Worked on Enhancements, Exits and **BAPI**s

TRAINING ATTENDED

* Advance ABAP training ABAP objects, Enhancements and modifications and database updates at **EFFTRONICS SYSTEMS PVT LTD, Vijayawada in** Dec 2005.
* Trained on **EDI** concepts at **IBM, Bangalore in** Oct 2009**.**
* Trained on **ABAP CRM** at **IBM in** May 2010**, Bangalore**.
* Trained on SAP **BW**, **BO** at SLK (Kirloskar Group) in Sept 2010, **Bangalore.**
* Trained on **Tableau** tool at TechMahindra**, Bangalore in** May 2016.

TRAINING CONDUCTED

* Conducted training sessions on ***BAPI*** creation, ***ALE****,* ***IDOC*** *configurations* at **IBM** @ ISL**, Bangalore in** September 2008, October 2009.
* Conducted training sessions on **WorkFlow** creation and *configurations* at **IBM** @ ISL**, Bangalore in** March 2009.
* Conducted training sessions on **SAP BW** at **SLK (Kirloskar Group), Bangalore in** March 2011.
* Conducted training sessions on SAP **HANA** 2.0 at **Accenture, Bangalore in** October 2017.

CORE COMPETENCE

**Operating Systems :** Windows NT 4.0, Windows XP/ 2000/98, and Linux

**Programming Languages : ABAP-4**, SQL, C++, Java, and VB.6

**Databases :** Oracle 7.x/ 8i

**Web Technologies :** JSP, HTML, Java script

**ERP :** SAP R/3 (4.7c/ECC 6.0), SAP BW, SAP SCM, SAP BW/4HANA

**Technologies in SAP R/3 :** LSMW –Data migration, ALE/IDOC, BDC, BAPI.

**Reporting :** BEx, QV, Tableau,Lumira Designer, Webi, Analysis for Office(AfO)

EDUCATION

* + 1. **From** Nagarjuna University, AndraPradesh, 2006. With **80%.**

CERTIFICATION

# SAP Certified Application Associate - Reporting / Modeling and Data Acquisition with **SAP** **BW/4HANA**

[**https://www.credly.com/users/apparaju-venkata-sivaram-sarma/badges**](https://www.credly.com/users/apparaju-venkata-sivaram-sarma/badges)

### Project Details

* + - 1. **Project : ASM – BW/4HANA Implementation**

**Duration : Jan’21 – Till date**

**Client : ASM Front-End Manufacturing, Singapore.**

**Role : BW/4HANA Technical Architect**

**Roles and Responsibilities:**

* + - * + Working as a Technical Architect / Senior Developer
        + Responsible for customization changes on Modeling objects.
        + Preparing Unit Test Condition and Unit Test Plans.
        + Performing SIT scripts before releasing for UAT approvals
        + Responsible for ECC  BW/4HANA required configurations

### Performance tuning.

### Areas worked in:

* + - * + FI , Controlling, Inventory, Manufacturing, Sales,....

**Accenture India Pvt. Ltd., Bangalore.**

* + - 1. **Project : Boeing HANA Implementation**

**Duration : Nov’19 – Dec’20**

**Client : Boeing , USA .**

**Role : HANA Solution Architect**

**Roles and Responsibilities:**

* + - * + Working as a Solution Architect
        + Responsible for ECC  BW on HANA required configurations
        + Reviewing Technical specification from functional specification.
        + Preparing Unit Test Condition and Unit Test Plans.

### Performance tuning.

* + - * + Building the Calculation Views with Table functions functionality.
        + Building the Composite Providers based on the Calculation Views / Open ODS Views.
        + Creating the Open ODS views and enhancing the Data sources in the ECC system.
        + Performing and upload the test scripts in Solution Manager system.

### Areas worked in:

* + - * + Sales, PP, MM, APO, QM, Manufacturing, FI , Controlling..
      1. **Project : Orkla Project One - S/4HANA Implementation Duration : June’18 – Nov’19**

**Client : Orkla, Norway .**

**Role : BW/4 HANA Solution Architect**

**Roles and Responsibilities:**

* + - * + Working as a Solution Architect
        + Responsible for **S/4HANA**  **BW/4HANA** required configurations
        + Interfaces : CPI-DS, IBP, Smart Data Systems, BEACON configurations.
        + SDA configurations
        + Exposing Calculation Views to WebServices.(CPI-DS)
        + Reviewing Technical specification from functional specification.
        + Preparing Unit Test Condition and Unit Test Plans.

### Performance tuning.

* + - * + Building the Calculation Views with Table functions functionality.
        + Building the Composite Providers based on the Calculation Views / Open ODS Views.
        + Creating the Open ODS views and enhancing the Data sources in the ECC system.
        + Performing and upload the test scripts in Solution Manager system.

### Areas worked in:

* + - * + Sales, IBP, QM, Manufacturing, FI , Controlling..

### Project : Apollo Bundle – 2 HANA Implementation Duration : May’17 – June’18

**Client : BHP Builtin (BHPB) .**

**Role : BW/4HANA – FI Development Tower Lead**

**Roles and Responsibilities:**

* + - * + Working as an Application Development Associate Manager
        + Performing FS Reviews.
        + Reviewing Technical specification from functional specification.
        + Preparing Unit Test Condition and Unit Test Plans.

### Performance tuning.

* + - * + Building the Calculation Views with Table functions functionality.
        + Building the Composite Providers based on the Calculation Views / Open ODS Views.
        + Creating the Open ODS views and enhancing the Data sources in the ECC system.
        + Performing and upload the test scripts in HPQC system.

### Areas worked in:

* + - * + FI , NLS , B4H , HANA(SoH).

**TechMahindra Pvt. Ltd., Bangalore.**

* + - 1. **Project : GE SAP BW Development Duration : Aug’15 – Mar’17**

**Client : GE (General Electric) .,.Hyderabad.**

**Role : BW HANA Technical Analyst**

**Roles and Responsibilities:**

* + - * + Working as a Senior **T**echnical **C**onsultant.
        + Performing FS Reviews.
        + Reviewing Technical specification from functional specification.
        + Preparing Unit Test Condition and Unit Test Plans.

### Performance tuning.

* + - * + Developing Code for the assigned Development / Change Request.
        + Testing the developed objects as per approved test plan.
        + Maintain Version control and Configuration management procedures for all the software.
        + Obtain Acceptance testing of the developed reports in conjunction with the functional team.
        + Ensure periodic System Testing of the Application Software based on the criticality of the application.

Implement the report at all users/locations, wherever applicable.

### Areas worked in:

* + - * + SD, FI, MM, PP

# BW, ABAP, HANA.

### Project : SanDisk SAP Development / Support Duration : Aug’12 – May’15

**Client : SanDisk Pvt Ltd.,.Bangalore**

**Role : Technical Lead**

**Roles and Responsibilities:**

* + - * + Worked as a **T**echnical **Lead**.
        + Responsible for FS Reviews.
        + Reviewing Technical specification from functional specification.
        + Preparing Unit Test Condition and Unit Test Plans.
        + Preparing Technical specification from functional specification.
        + Responsible for developments & **Performance tuning**..
        + Developing Code for the assigned Development / Change Request.
        + Testing the developed objects as per approved test plan.
        + Maintain Version control and Configuration management procedures for all the software.
        + Obtain Acceptance testing of the developed reports in conjunction with the functional team.
        + Ensure periodic System Testing of the Application Software based on the criticality of the application.
        + Check for security controls during the development of the software.
        + Implement the report at all users/locations, wherever applicable.
        + Inform Basis personnel about the changes made to the existing software in the current version release

### Areas worked in:

* + - * + SD, FI, HR, MM, PP, QM, eWMS, SNC.
        + **ABAP**, **BEx**, **Enterprise Portal(EP) Reports**, Enhancements, Data Mappings.

**SLK Software Pvt. Ltd. (Kirloskar Group), Bangalore.**

* + - 1. **Project : Arvato SAP Development / Support Duration : Sep’10 – July’12**

**Client : Arvato Digital Systems. Germany**

**Role : Senior BW ABAP developer Cum Team Lead**

**Roles and Responsibilities:**

* + - * + Working as a Senior **T**echnical **C**onsultant.
        + Performing FS Reviews.
        + Reviewing Technical specification from functional specification.
        + Preparing Unit Test Condition and Unit Test Plans.
        + Preparing Technical specification from functional specification.
        + Responsible for RICEF developments.
        + Responsible for reports on eWMs developments using BEx.
        + Responsible for WebDynpro and Workflow developments

### Performance tuning.

* + - * + Developing Code for the assigned Development / Change Request.
        + Testing the developed objects as per approved test plan.

### Project : Enerfab SAP Implementation Duration : Sep’10 – July’12

**Client : Enerfab. Cincinnati, USA**

**Role : Senior ABAP developer Cum Team Lead**

**Roles and Responsibilities:**

* + - * + Working as a Senior **T**echnical **C**onsultant.
        + Performing FS Reviews.
        + Reviewing Technical specification from functional specification.
        + Preparing Unit Test Condition and Unit Test Plans.
        + Preparing Technical specification from functional specification.
        + Responsible for ***ALE, IDOC*** configurations and ***BAPI creation /*** customization
        + Responsible for WebDynpro and Workflow developments

### Performance tuning.

* + - * + Developing Code for the assigned Development / Change Request.
        + Testing the developed objects as per approved test plan.
        + Maintain Version control and Configuration management procedures for all the software.
        + Obtain Acceptance testing of the developed reports in conjunction with the functional team.
        + Ensure periodic System Testing of the Application Software based on the criticality of the application.
        + Check for security controls during the development of the software.
        + Implement the report at all users/locations, wherever applicable.
        + Inform Basis personnel about the changes made to the existing software in the current version release

I have done a significant number of developments in this project, in various areas of ABAP, namely ABAP Dictionary Objects, ALV reporting, Interfaces/BDC, Module Pool Programming, RF programming, Enhancements/User-exits, BAPI, creating Function Modules.

### Areas worked in:

* + - * + SD, FI, HR.
        + ABAP, **OO ALV Reports**, Smart forms, Enhancements and IDOC, WORK-FLOW,

**ABAP-HR, WebDynpro**.

**IBM India Pvt.Ltd**, **Bangalore.**

* + - 1. **Project : WebSphere – SAP Adapters Duration : Aug’08 – Sep’10**

**Client :** India Software Labs, **BANGALORE**

### Role : ABAP Consultant

**Roles and Responsibilities:**

* + - * + Working as a **T**echnical **C**onsultant.
        + Taking responsibility for delivery of various objects assigned to other team members.
        + Preparing Technical specification from functional specification.
        + Preparing Unit Test Condition and Unit Test Plans.
        + Developing Code for the assigned Development / Change Request.
        + Testing the developed objects as per approved test plan.
        + Responsible for ***ALE, IDOC*** configurations and ***BAPI creation /*** customization.
        + Supporting the daily tickets in the **workflow area**, do the basic workflow system monitoring and do easy programming fixes.
        + RFC Programming
        + Responsible for to makes the business decisions in the **Event of Failure**.
        + Responsible for making the most of a precious resource.

### Performance tunning.

* + - * + Resolve issues relating to the dumps forwarded by Basis consultant
        + Design/Customizing **OO based ALV REPORTS, BDCs, BADIs, Smart Forms**
        + Developing reusable components to be used by other team members.
        + Taking responsibility for weekly status updates and project tracking.
        + Designed **BDCs** for **HR master data** uploading**.**
        + Responsible for **Infotypes** creation, ALV reports Employee life-Cycles .
        + Responsible to resolve Load balancing issues.

### Areas worked in:

* + - * + **HR, FI, SD & MM**.
        + ABAP, ALV Reports, Smart forms, **ALE/EDI IDOCs**, *WORK-FLOW*,LSMW, **OOABAP**, BDC, Module Pool.

**APAR Industries Ltd., Bombay.**

* + - 1. **Project : Seagull SAP Implementation Duration : Jan’08 – Aug’2008**

**Client : APAR Industries Ltd., BOMBAY**

**Role : Senior ABAP developer**

**Roles and Responsibilities:**

* + - * + Performing FS Reviews.
        + Preparing Technical specification from functional specification.
        + Preparing Unit Test Condition and Unit Test Plans.
        + Developing Code for the assigned Development / Change Request.
        + Testing the developed objects as per approved test plan.
        + Resolve issues relating to the dumps forwarded by Basis consultant
        + Maintain Version control and Configuration management procedures for all the software.
        + Obtain Acceptance testing of the developed reports in conjunction with the functional team.
        + Ensure periodic System Testing of the Application Software based on the criticality of the application. (*Why required*- To check the performance of the operations in terms of speed and accuracy. *How it is done* – Which transactions to be picked up, at what periodicity checking is done is to be decided)
        + Check for security controls during the development of the software.

## Inform Basis personnel about the changes made to the existing software in the current version release

### Areas worked in:

* + - * + MM, SD, FI, HR.

# ABAP, Object Oriented Reports, Smart Forms, Enhancements and IDOC, WORK-FLOW, ABAP-HR .

**Efftronics SystemsPvt. Ltd., Vijayawada.**

* + - 1. **Project : Railway Signaling Supervisory System Duration : Dec’05 – May’2006**

**Client : Indian Railways**

**Role : Trainee Developer**

**Description:**

To define a Software System that is capable of judging and identifying the deviations in the working functionality of a Signal Post in a Railway Signaling system and ensuring the safety of a Train before it enters into the station. The system should also alert the user immediately on occurrence of serious failures.

The functionality of each Signal Post is analyzed from the data generated by the Data Logger. The sequential change in each relay status is observed and its functionality is cross-checked with the functionality mentioned in the Circuits of the Signal Post.

### Areas worked in:

* + - * + Delphi 7.0, Core Java, JDBC, Swings, JSPs.