# Srinivas V. Rao

# Sr. SAP-ABAP/4 Analyst (Charlotte, NC)

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**VISA Status :** **Citizen**

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| **Area of Expertise:** **SAP*-ABAP/4*** *with FICO,**HCM* ***,*** *MM ,PM, PS, WM, SD, BIW, PP, Enterprise Portal, PI & GIS*  *(* ***SAP Ver.*** *: – 4.0B , 4.6c , 4.7 , ECC 5.0 / 6.0 )* |

**Experience Summary:**

* Having over **8 + years** experience in **SAP** Implementation, Upgrade , Production support , Integration Projects worked with Public& Private sector.
* Experience in large scale ABAP development projects, working with development standards, and ability to provide time-bound and cost-effective solution.
* In depth understanding of customer engagement model, experienced in performing the role of a Team member/Lead.
* Ability to manage customer interaction in the areas of deliverables, conducting user acceptance tests & usability studies.
* Experience in interacting with business analysts to perform requirement analysis , generate technical specification design documents, select appropriate technology tools for implementation and undertake user acceptance tests.
* Having good work experience in working Leading Onsite and Offshore models with overseas experience.
* Strong written and verbal communication skills to meet the industry standards.

**Education :**

Successfully Completed the Post Graduation of Master degree in Computer Management (M.C.M) .

Visa Status : U.S. Citizen

Certifications: Microsoft Certified Solution Developer in yr 2000.

Skill Set:

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| **SAP *ABAP/4* Skills** | ***Reports -*** Classical, Interactive and ALV reports, Dialog programming  Abap Objects, SAP Smart forms, BDC, Abap query reporting,  BAPI, LSMW, Function Modules, RFC’s & User Exits, ALE,  IDoc, Badi, GUI status and GUI titles, Message Class ,  GUI status and GUI titles, Message Class, Table Controls .  *Data dictionary*- Tables, Structures, Match Codes, Data elements,  Domains, views. |
| SAP Enterprise Portal &  Exchange Infrastructure  (XI) | ***System Administration* –** Transporting, Monitoring, Permissions  Permissions, System Configuration & Support.  ***Content Administration* –** Creating iViews, Pages, Worksets,  Roles, Portal Themes, Portal Desktops,  Rule Collections, Layouts, Systems *User Administration* - Creating users, groups & assigning the Roles, Testing user, User mapping. |
| Business Areas Known **BIW** | ***BIW (****3.0B****) –*** Info cube design, Info source, Info Objects, ODS objects, Update  rules, Aggregates, Reports using BEX analyzer, Infoset Query,  Data Extraction using CO-PA,LIS, FI-SL, Master data extraction  from R/3 , and flat file. |
| Languages | Java , SILK 4T Script, ArcObjects, MapObjects, ArcXML , ‘C’ Programming, COBOL . |
| **Client/Server Scripting** | HTML **,** JavaScript.1.1.3, Vbscript , Active Server Pages 3.0(ASP),  Cold Fusion. |
| **Web Servers** | IIS-4.0, I-planet, Personal Web server. |
| **Databases** | SQL server 2000, Db2, Oracle 7.3, 8i, Vsam, |
| **Packages & Tools** | MS-Office, FoxPro 2.5, Dbase-III+ , ArcIMS customization , Silk Test tool. |
| **Operating Systems** | MS-DOS, Windows-95/98/NT 4.0/2000, |

Professional Strengths:

* Through Understanding of SAP R/3 Platform and data structures as well Open system Platforms.
* Application Development using SAP R/3 ABAP/4, Netweaver, Dot-net.
* Database design & User interface design.
* Client/server side scripting.
* Web page designing.

Project Work

**Sep 2011 - Till Date**

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| **Project Title :** Thunder(upgrade), Concur (integration), Break-fix ( Prod support ) **Employer:** Covanex inc  **Client Name :**  **Corning Cables Inc, ( Hikcory , NC ) Role :** Sap Tech Architect  Environment : ABAP/4 with, FICO , SD , MM , SAP- HCM . |

Corning Incorporated is the world leader in specialty glass and ceramics. Corning creates and makes keystone components that enable high-technology systems for consumer electronics, mobile emissions control, telecommunications and life sciences. Corning is based on New York (HQ) and does operate worldwide business.

Corning has their SAP4.7 ver and upgraded to ECC6.0 to run all their core applications. I have performed the Unicode validation for their thousands of sap objects as part of Thunder project and the Leading team is mainly located in Germany . Also worked for their SAP Travel expense project in developing the interfaces to generating IDOC for the BizTalk system to process and Inbound idocs will be processed to update the sap data.

Responsibilities:

* Communicating day-to-day with the team located in Germany for the status update.
* Preparing the Estimation plans, specification and testing documents,
* Performing the Unicode validation and fixing the issues for ECC.
* Make sure all sap object are tested and fixed any runtime issues.
* Developing interface programs to generating the custom idocs .
* Developing the User-Exits for the inbound idocs to process sap data.
* Day-to-day production support for break-fix’s and handling the bundles.
* Developing the ALV reports, user-exist, Badi’s , conversions, function modules.

Jul 2010 - Aug2011

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| **Project Title :** Global CDIY/ 10+2 Complaints & IP ( ABAP programming ) **Employer:** Swaytech  **Client Name :**  **Black & Decker Global, MD ,Towson) Role :** SAP ArchitectLead  Environment : ABAP/4 with, FICO , SD , MM , Net-weaver portal , SAP- HCM . |

**Responsibilities**:

* Preparing the Technical Specifications based on understanding of user requirement.
* Coordinating offshore, onsite teams in assigning tasks , deliverables and reporting day to day progress.
* Designing and developing various ALV reports and enhancements using User-exits.
* Interfaces ALE/IDOCs, RFC, BAPI's used to PO,SA,GR IDoc Development process for Xign interface.
* Developing the LSMW , BDC programs , RFC function modules , Global contract custom changes.
* Performance Tuning and Code Optimization of ABAP/4 Program reports.
* Analysis for production issues and support.
* Supporting HCM , MM , SD , Fico issue and custom development reports .
* Creating custom tables and table maintenance using transaction code.
* Developing Unit Test documents and Performing Functional Testing on Dev , QA systems..
* Interacting with team members for assignments, deliverables, testing and reporting to Manager.

Jun2008 – Jun 2010

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| **Project Title :** SAP HCM (HR), FI Implementation devp’t ( ABAP programming )  **Client Name :** **Compass Group Inc** , Charlotte N.C  Environment : ABAP/4 with SAP-HR , FICO , SD , Netweaver portal MSS ( SAP ECC 6.0) . |

Compass Group Inc (UK based company) is a leading food servicing company , has many development & supporting applications for their business spread across various countries. We are working from their on site development center located in Charlotte , N.C and we take the requests from the business for any kind of design , development , maintenance and testing will be performed and delivered as requested with the proper design documentations .

**Responsibilities**:

* Designing and Development of custom reports FI/GL( New GL ), Badi’s , RFC’s.
* Enhancement of various user-exits and developing Abap reports .
* Worked on Dynpro to create/Enhancements of Iviews for the Portal MSS application and sending custom errors to workflow if any.
* Bug fixing for the existing reports and setting batch jobs .
* Handling the PA, benefits, TM , payroll processing using payment group.
* Application testing and Maintain the design & test documents.
* Customizing the **standard EEO program reports** for Govt filing .
* Payroll card processing application development for the employees.
* **Creating custom infotypes in HR** for storing MSS application data for alv reports.
* Creating the **BDC , LSMW** for data loading and call transactions .
* Creating OO ABAP class’s and methods for reports.
* Maintaining **workflow change requests** and developed the adobe forms to move WF to next step on submission .
* Worked on SPAU and SPDD throughout the upgrade.
* Developing Web dynpro objects and Adobe forms for portal application.
* Developing Bex queries and worked on ODS, Info providers to support payroll, benefits reporting requirements .
* Created BI source system and data sources to extract historical data.
* Developingcustom reports using **OO ABAP** class’s and methods .
* Creating custom BSP Iviews for the portal application

Jan 2008 - May2008

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| **Project Title :** SAP Post Implementation support ( ABAP programming )  **Client Name :** **S**ony **E**lectronics , CA ,sandiago (Contract work )  Environment : ABAP/4 with SAP-SD, FICO , MM, PM, PS, WM, HCM , FI, Modules (ECC 6.0) |

Sony Electronics has many development & supporting applications for their business spread across various countries. We are working from their on site development center located in san Diego, CA and we take the requests from the business for any kind of design , development , maintenance and testing will be performed and delivered as requested with the proper design documentations and it will posted in SAP Solution Manger .

**Responsibilities**:

* Designing and developing complex objects in ABAP custom reporting, RFC ,
* Enhancement of various Abap reports, user-exits ,
* Interfaces for uploading the master data using BDC .
* Bug fixing for the existing reports based on the category.
* IDoc Monitoring between the clusters for different Message types .
* Maintaining the design & test documents in SAP-Solution Manager.
* Creating ALV reports from the **custom HR** **infotypes** .
* Creating the various **HR garnishment** reports for business.

Jun 2006 – Dec 2007

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| **Project Title :** SAP Implementation & support ( ABAP programming )  **Client Name :** INVISTA Inc. Delaware ( Employer: **Satyam Computers** )  **Role :** Team Lead ( worked on onsite-offshore team model )  Environment : ABAP/4 with SAP-SD, MM, PM, PS, WM, HR, FI, PP modules ( SAP ECC 5.0 ) , Solution manager |

**Responsibilities**:

* Designing and developing complex objects in ABAP custom reporting, RFC ,
* Enhancement of various Abap reports, user-exits ,
* Interacting with offshore team for development and deliverables for clients.
* Interfaces for uploading the master data using BDC, lsmw .
* Bug fixing for the existing reports based on the category.
* **IDoc** Monitoring between the clusters for different Message types .
* Reporting the **IDoc** failures to customer and performing analysis to fixing the problems.
* Creating Test Plans, Test Scripts and conducting Unit Tests.
* Creating Documentation for the developed objects.
* Developing the various HR reports for Payroll department.
* Creating Production order Idocs using std program RCCLORD.
* Layout changes and print reports for shop floor papers Using the tcode OPK8 .
* Worked on Dynpro to create/Enhancements of Iviews and alv reports .

Feb 2006 –May 2006

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| **Project Title :** Landis & Gyr Upgrade Project  **Client Name :** Landis + Gyr (LG) - ( **Employer :** Cybertech Systems, chicago )  Environment : ABAP/4 with SAP-SD, MM, PM , PS, PP . (SAP Ver 4.7 ) |

Since 1896, the name Landis & Gyr has been synonymous with quality, precision and reliability in energy consumption measurement. L & G is ISO 9001-2000 Company having 3000+employees worldwide. Landis + Gyr is a manufacturing company of high - tech products and they recently started on an upgrade of SAP R/3 4.6c version to mySAP ERP ECC version 5. CyberTech Systems Inc. has been their implementation partner.

**Responsibilities:** SAP Upgrade reports are being done using proprietary tool **CYBERTRAK**.

Responsible for all ABAP related activities during the upgrade .

* Report for Sales returns from the customer.
* Developed Freight debit notebook report depending on the conditions.
* Developed a Stock summary report by Plant wise/Material wise.
* Developed a report to Stock in transit i.e. for each Go down how much stock is to be transferred .
* Developed report for Stock Overview which gives details of stock.[Tables used: MARA, MCHB, MCH1, MARC]
* Generated a report to print Sales Order .[Tables used: VBAK,VBAP,VBUP,VBEP]
* Developed a report for Delivery Slip [Tables used: VBRK, VBRP, MARA, MARC]
* Developed a print program for Purchase Order [Tables used: EKKO, EKPO, EBAN, KONV, KONH, KONM, MAPL]
* **Performance Tuning** and Code Optimization of ABAP/4 Programs.

1. Sent Master data and Transaction data from One client to other client using **BAPI** and **IDOC**

* Created customer Distribution model with Standard message types and Customer message types
* Created Ports and Process Codes and I did trouble shooting I created segments.
* Sent application documents through **ALE** and **IDOC**.

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| Project Title : SAP NetWeaver Enterprise Portal 6.0  Employer : Cybertech Systems. Sep 2005 – Feb 2006  Environment : SAP-PORTAL, PDK, XI, MM, SD, PM, PS, PP. HR  Role : Content User & System Administration. |

Cyber Tech’s **Business to Employee (B2E)** portal simplifies access to corporate information, personal data, transactions and services. Some of the valuable features of the portal are as follows:

* Single Sign-on to company Portal.
* Customized access to various system resources for individual users.
* Access to personal data /information for all employees.
* Customized access to corporate and business data and services with central control across the company.

### Responsibilities

* **Enterprise** **Content management** (iViews, Pages, Worksets, Roles, Portal Themes, Portal Desktops, Rule Collections, Layouts etc.)
* **User administration** (Creating users, add roles to user, Create groups, add roles to groups, Testing user)
* Importing portal content objects, Importing users, Defining LDAP for alternate Data source
* Defining SAP R/3 system as a User Management Data Source, Mapping Users in the portal
* Strategic knowledge for portal acceptance into the daily routine of end users (User Adoption)
* **System Administration** (Transports, Monitoring, Permissions, System configuration & Support)
* **Integrating Microsoft products** with Enterprise Portal
* Developing **professional Web UIs** for business applications using special **Web-Dynpro** tools that are integrated in the SAP NetWeaver Developer Studio

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| Project : SAP Post Implementation ( ABAP development & support work ). Role: Sr. sap consultant  Client : City of San Diego, USA ( Employer : Cybertech systems ) Apr 2005 – Aug 2005.  Environment: Sap R/3 4.6c Abap/4 ( *using PM / PS/ MM /SD/ PP and HR module*) |

**Responsibilities** :

* Understanding the existing system & report functionalities.
* Updating the existing reports for new functionalities & performance tuning.
* Developed interface for uploading the master data and BADIs , RFC .
* Converting Functional Specifications to Technical Specifications .
* Designing and developing complex objects in ABAP, involving User-exits.
* Designing Function Modules, Screens, Dialog Modules, etc.
* Creating Test Plans, Test Scripts and conducting Unit Tests.
* Creating Documentation for the developed objects.
* Written **BDC programs** to transfer Customer Master, Vendor Master and Material Master data, Pricing, and purchase info records from Non SAP System to SAP R/3 system.
* Transferring the data from One client to other client through **IDOC** and **ALE** Interfaces .
* Created reports such as sales order report, which covers all organization levels, delivery status, invoice status, shipping details and partner function details. The data was extracted from VBAP, VBPA, VBAK, VBUP, VBFA, KNA1, LIPS, VBRP, MARA, VBEP and KONV tables.

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| **Project :** SAP 4.**7 Upgrade & Support** ( ABAP development work ). **Role :** Sr. SAP Consultant  **Client :** Corliant Systems Inc. ( **Employer :** Cybertech Systems ) May 2004 – Mar2005  **Environment :** SAP 4.6x ( **HR & FI modules**) |

Responsibilities: SAP Upgrade reports are being done using proprietary tool CYBERTRAK.

Responsible for all ABAP related activities during the upgrade

* Uses Logical database 'PNP' to retrieve various personnel data and download it to

an excel / tab delimited file.

* Retrieving all the individuall sickpay values for a given period and person.
* Developing the various HR reports (salary, overdue, billing history, other analysis) using HR & FI modules.
* Converting Functional Specifications to Technical Specifications.
* Designing and developing complex objects in ABAP, involving User-exits.
* Designing Function Modules, Screens, Module Pool , LSMW, etc.
* Creating Test Plans, Test Scripts and conducting Unit Tests.
* Creating Documentation for the developed objects.
* Retrieve Organization Structure .

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| **Project :** MAP-ON-SAP Implementation Phase I & II (ABAP & GIS development work ). **Aug2002 – Apr 2004**  **Employer :** Cybertech Systems Inc .  **Environment :** SAP 4.7- ABAP/4 *(* ***Using PM, PS ,MM, PP, FICO ,SD, PP modules*, & Dot-net, GIS**.)  **Role :** Senior SAP Consultant – ABAP 4.6/4.7 |

MAP On SAP is a proprietary product of Cybertech. It involves integration of SAP and ArcWeb Services. This will create a new dimension in analysis of spatial data available in ERP systems, and is targeted at various industry segments including retail, asset management and utilities, to name a few.

**Responsibilities**: Enhancing the SAP Transactions VD03, VD01, MK03, MK01 XD99, ME03, IW28, IW29

* Creating the GUI Map & Location buttons on the SAP standard screens.
* Updating Standard SAP programs for GIS usage,
* Adding new functionalities for the Standard Transactions of IL01,IL03, VD01,VD03, IW28,IW29,IW39,ME03, CJ20N, and other transactions..
* Converting Functional Specifications to Technical Specifications.
* Designing and developing complex objects in ABAP & Dot net
* Designing Function Modules, Screens, Dialog Modules, etc.
* Creating Test Plans, Test Scripts and conducting Unit Tests.
* Creating Documentation for the developed objects.
* Data exchange from legacy systems to sap for mapping.
* Created BSP application with several pages and a navigation structure.

NON- SAP Projects

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| Project : GIS information Apps Role: GIS Developer  Client : NJ St.Dept ( ArcIMS 4.0 , ArcGIS ) Trenton, NJ Jul 2001 – Aug 2002  Employer : Cybertech Systems |

### Environment and tools: ArcIMS 4.0, ArcGIS, HTML, ASP 3.0, IIS 4.0, Oracle 8.1,

New Jersey Department of Environmental Protection (NJ DEP) currently has an intranet browser-based interactive mapping application – i-MapNJ that uses ESRI’s ArcIMS software to integrate existing NJ DEP GIS spatial data and permitting, enforcement, and agency activity data from NJ DEP’s Oracle-based New Jersey Environmental Management System (NJEMS). This application spatially enables the NJEMS data using GIS tools.

During the enhancement review phase, NJ DEP has identified a software product – Business Objects/Web Intelligence, a database querying, reporting, and data exporting applications with a Web-based interface – as a potential tool to meet some of the complicated enhancements. It is NJ DEP’s vision that an enhanced i-MapNJ application, code-named i-MapNJ 2.0 ArcIntelligence would provide extended database manipulative power with Web Intelligence.

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| Project : ArcIMS Product Role : Software Consultant  Client : ESRI (ArcIMS 4.0, ArcGIS ) Redlands, CA Nov 2000 – Jun 2001  Employer : Cybertech Systems |

Environment and tools: ArcIMS 4.0, ArcGIS, HTML, ASP 3.0, IIS 4.0, Oracle 8.1, T-weblink.

I worked on GIS projects using ArcIMS 4.0, ArcGIS , Route-Server product testing from ESRI . Most of the custom GIS application development are done using ASP, ActiveX Objects, Java Scripts, ColdFusion, and HTML I had involved in the of MapObjects1.0(java ver) product team and also integrated the GIS Mapping into Siebel System using the ESRI Route Server product . I was also involved in the Maintenance and CoreTesting work for ArcIMS3.0/4.0, and the ArcGIS product for ESRI, Redlands.

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| Employer : CyberTech Systems . July 2000 – Oct. 2000  Project Title : [www.clearmaze.com](http://www.clearmaze.com) Role: Project Leader  Environment: HTML, JavaScript, Vbscript, SQL server 7.0, ASP, IIS 4.0, ASP3.0 , MTS  Team Size : Six |

ClearMaze is a software product developed for Cybertech System to enhance the e-business solutions for the B2B and B2C markets. It is actually a commerce server providing greater futures than the existing Net-Commerce product from IBM. This product provides merchants and shoppers a complete solution. There are four modules involved: site-builder, site-manager, site-admin and shopping. ClearMaze provides greater services as a complete product but is also works as individual modules. Using these modules any merchant can create his own e-store within minutes with the easy click and go method.

**Responsibilities:**

♦ Designed the database for the backend module as well as the Web module

♦ Designed and coded HTML, ASP forms using ADO for data connectivity

♦Coded required stored procedure in SQL Server 7.0

♦Implemented MTS to commit the transactions using dll developed in Visual Basic

♦Uploaded module implemented to upload the files to server

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| **Employer :** CyberTech Systems & Software Ltd. July 1999 – June 2000  **Project Name :** [www.tendermart.com](http://www.tendermart.com) Web Programmer  **Environment :** HTML, ASP, Cold Fusion 4.0, SQL server 7.0, JavaScript, IIS 4.0.  **Team Size :** Four |

It is a vertical portal serving as one-point-of-information searching for all open tenders in the country. Companies across all industries will benefit. The project is divided into the back end module and the Web module. The back end module is used to update the tenders database (Using the reference of newspapers) and upload it from the local server to the Web server. This database is free to search for registered users. The personalization module sends alerts to registered users regarding the tender notices of their interest.

**Responsibilities:**

♦Designed the database for the backend module as well as the Web module

♦Coded eight forms in VB 6.0 using ADO for data connectivity

♦Coded three stored procedure in SQL Server 7.0

♦Worked on the search module and the home page module in COLDFUSION 4.0 and HTML 4.0

♦ Developed 8 report using Crystal Reports