#### **KRANTHI KUMAR**

**SAP ABAP/FioriConsultant**

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**PROFESSIONAL SUMMARY**

* Around **8+ years** of professional hands-on **SAP ABAP** Techno-Functional Consultant including multiple life cycle implementations, roll outs, enhancements & application support across **MM, FI & CO, SD, CRM, WM** and **PP** Modules of SAP.
* Expertise in **RICEF** (Reports, Interfaces, Conversions, Enhancements, Forms), Identifying RICEF and prepared functional specification documents and Extensive knowledge in working on **Object Oriented Programing** - Classes/Objects, Dynamic programming and usage of **OOPS** approach.
* Have strong work expertise in SAP NetWeaver ABAP workbench components; Adobe forms, Smartforms, SAP Scripts, Web Dynpro for ABAP, User Exits, Enhancements, **BADI, BDC**, Call Transaction, Interfaces, **OOABAP**, **IDOC**, **RFC**, **BAPI** and Workflows.
* Good knowledge in **Web Dynpro** ABAP programming. Good understanding of all the controllers, UI elements, BAPI/RFC calling in Web Dynpro and configuring Web Dynpro.
* Extensively worked on ABAP objects and in-depth knowledge of **ABAP/4 Reporting** (Basic, Interactive and ALV).
* Developed dialog programming using screen builder in SAP ABAP in **SD** and **MM** modules.
* Hands on experience in using Session method and Call Transaction method for batch data communications and **BAPIs** for interfaces.
* Experienced in Enhancements and modifications using **User Exits** and BADIs.
* Good Hands-on experience with Technical upgrade from ECC 6.0 to EHP 7, in charge to check whether correct objects are transported.
* Extensively working on **Object Oriented Programing** - Classes/Objects, Dynamic programming and usage of OOPs approach.
* Expertise with various XI interfaces ranging from file to file, RFC to file, file to IDOC scenarios using XML**.**
* Good Cognizancein **Monitoring** and **Resolution** of tickets.
* Capable in Developing custom SAPUI5/Fioriapps using SAP Tools like SAP Web IDE, **BUILD**, **Eclipse**, **Brackets**, **Fiori LaunchpadCode Inspector**,**GitHub**and**ABAP Advanced Debugger**.
* Extensively worked in configuring SAP Forms and Print Programs for SD, MM, WM, FI, and HR modules.
* Experience with Performance Analysis, Performance tuning, Debugging, Authorization objects and OSS notes.
* Expert in HANA 1.0 SP09 and SP112 with Production support activities and as well as NONPROD activities.
* Expert in SCALE IN and SCALE OUT environment with Performance related activities.
* Upgraded from HANA 1.0 SP09 to SP112 for N and N+1 landscape.
* Good in start and stop of SAP HANA systems on Multi tenant environment.
* Expert in HANA disaster recovery configuration for multi tenant environment.
* Good Understanding of both business processes and technical development.
* Dexterous in all the data migration objects **APO, OTC, MM,RICEF**Objects (Interfaces, Reports and Forms).
* Installation and Configuration of **Net Weaver Business Client (NWBC)** and creating the Business content for the application. Creation of NWBC content by creating **PFCG** Roles and the menus inside it to call the **WebDynpro**applications with passed parameter.
* Expertise in working on Interfaces using NetWeaver Gateway, IDOC's, Proxies, Files, ALE, EDI. And using Legacy System Migration Work Bench for uploading data
* **Good Cognizance**inboth **Agile**and **Waterfall** methodology and in all the **EDI** tests.
* Worked on implementation process on various stages like UAT Testing, Integration Testing, Interface, User Training, User Manuals, Documentation etc. and After Go-Live Support - on **SD, MM, FICO & SAP-IS Retail**.
* Goodin Developing custom SAP Web based applications using Web Dynpro ABAP Framework using MVC patterns and View Assembly.
* **Self-starter, fast learner, proficient** in programming logic and easily adaptable to new technological environments and systems with proven abilities in **resolving complex software issues**.
* Excellent communication skills, interpersonal great social skills with leading-edgeexpertise,passion,senseofhumorand **time management skills.**

**SAP ABAP Technical SKILLS**

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| **SAP Landscapes, Modules& ERP Packages** | SAP ECC 6.0, SAP BPM, SAP NetWeaver CE, SAP SD (Order to Cash), FI**,** SAP MM&SAP CRM. |
| **SAP Cross Application Components** | BAPI, ALE AND EDI, Extension/Creation of IDOCS, RFC |
| **Web Technologies/**  **Programming Languages/Scripts** | C, C++, C#, Python, JavaScript, HTML5,CSS3, jQuery,Ajax,XML, Angular JS,node.js. |
| **Databases** | SAP HANA,MySQL |
| **Data Migration Techniques** | BDC, LSMW (using MS access, MS Excel) |
| **Testing and Debugging** | SAPUI5 Code Inspector, SAPUI5 Debugging, SAP ABAP Debugging, Unit test with QUnit and System integration tests with OPA |
| **Data Visualization and Integration Tools** | Tableau and SAP Lumira Data Visualization and Integration. |
| **SAP App Development and Programming Platforms** | Fiori Launchpad, SAP HCP, Eclipse, BUILD, SAP HANA, SAP Web IDE. |
| **Operating Systems&**  **Project Management Tools** | Windows, Linux, UNIX, Ubuntu  MS Office |
| **Forms& Data Dictionary** | SAP Scripts, Smart forms, Adobe Forms  Tables, Structures, Data Elements, Domains, Views, Lock objects, Search helps |
| **Enhancements** | BADI, User Exits, Customer Exits, Enhancement framework |
| **Conversions &Reports** | BDC Input session, Call Transaction, Direct Transfer, LSMW Classical, Interactive and ALV |

# **PROFESSIONAL EXPERIENCE**

**Zachry Construction Corporation, San Antonio, TX Dec’16 - Till date**

**SAP ABAPConsultant**

Zachry Corporation is a privately-owned construction and materials company with headquarters in San Antonio, Texas and regional offices throughout the US and Canada which offers the products and services for heavy and building construction.

**Responsibilities:**

* Managed and Designed all the **RICEFs** Objects (Interfaces, Reports, Formsand Interfaces to 3PLs, Data Conversions, Enhancements and different Labels) to fulfill gaps in the processes.
* This included interfaces to web systems, external scales, external **WMS** system, labels (using Bar Tender) and legacies.
* Developing Business workflow definition and creating Customer specified **workflows**.
* Development of custom transaction replacing workflow to report on new articles using the **ALV** grid (OO version) with background e-mail distribution.
* Performed unit, integration and regression testing and Developed enhancements objects to changes values on standard **SCM** application.
* **Supported & configured** various promotional schemes which also included understanding of business processes.
* Responsible for enhancements and projects for SAP Retail functionalities.
* **Object-Oriented Modeling**/Analysis/Design, inserting data into the database table using classes, working with Class Grid and Dock Container for displaying the interactive report program. Enhancing the Standard Class in OOP's.
* Interacted with the users and participated in the analysis and design of objects. Worked on different types of ABAP reports and Function Modules including OOPs and **WebDynpro** Concepts.
* Prepare estimation for HANA Migration development objects and ensure timely delivery.
* Review Data mapping template in high level and ensure that they are updated appropriately
* Coordinate with Kronos IT, business, stream/domain leads along with in resolving HANA migration issues.
* Prepare HANA migration plan for project phase.
* Design and delivery of HANA migration strategy for several master & transaction processes.
* Design and delivery of HANA development object for data migration.
* Developed an interactive report using OOPS which displays balances per G/L account. The report has two special buttons for printing and re-printing the output with page numbers and saving it as an XPS image.
* Developed a **Drill Down Report** for material details and Developed a custom Classical report that prints Sales Materials for a specified range.
* Involved in Developing Custom Tables, Data Elements, and Domain using Data Dictionary and **BAPI, BADI, ALV** and **LSMW.**
* Created three custom tables to store vendor updates, published vendors and time of publish and classification data for the vendor as per client's requirements.
* Gathered requirements from the Business users and Developed the project as per the Client and Business requirement.
* Created a detailed Project Plan with the steps involved for implementing this Project with effort.

**Environment: SAP ECC 6.0, SAP BPM, SAP NetWeaver CECRM, SD, HANA**

**Bentley Systems, Exton, PA Apr’16 - Nov’16**

**SAP UI5/Fiori/HCP Consultant**

Bentley Systems is a global leader in providing architects, engineers, constructors, and owner-operators with comprehensive software solutions for advancing the design, construction, and operations of infrastructure.

**Description:** The Project aim is to Implement custom Fiori applicationsaccording to business usersinteractively for all devices.

**Responsibilities:**

* Projected Plan with the steps involved for implementing this Project with effort, estimates from other teams involved like UI Team, RFC’s and oData team.
* Implemented Fiori Applications for the client for their SAP Landscape according to business users and client requirements.
* Prototype of the application designed using **AZURE**.
* Developed**oData** projects based applications designed using UI5Framework in **SD**, **MM** Modules by configuring oData URL of new oData service.
* Built data models using CRM (OLTP) BW extractors and Custom Tables (ABAP) as source along with SAP ETL (BODS) for data migration into SAP HANA Db. Helped client migrate BW to HANA Cloud environment.
* Developed CRM BI Analytics reporting content per CRM Opportunity, Leads, Sales Activity and Campaigns.
* Built extensive HANA Data Models data models (both Graphical as well as SQL Script per Attribute, Analytic and Calculation Views) as data foundation for up-stream use by SAP Information Design Tool for the presentation layer.
* Used SAP WEBIDE to extend this Fiori Application.
* Extended and **enhanced** Standard Fiori contract application.
* Developed the **Advanced search parameters** by passing various parameters.
* Developed Custom Views for edit and Create the **Labor end time**.
* **MVC**by JavaScript’s, Views are done using **XML**, according to the client requirement.
* **Data binding** done using **oData Model** and Applied **Custom Formatter**Functions.
* Hiding unwanted fields from FIORI screens and Service case creation using **oData.Model** refresh.
* New service case created in application using **Refresh model**.
* Customized **Internationalizationtexts** according to client requirement.
* Used SAP WEBIDE to extend Fiori Apps.
* Developed the **Navigation** and **Routing** rules to required target system.
* Ensured that the Specify Connection Settings to SAP NetWeaver Gateway connection is configured between SAP NetWeaver Gateway and back-end system.

**Environment: SAP CRM, SD, SAPUI5**

**Gap Bridge, Ocoee, Florida Aug’15 to Mar’16**

**SAP UI5/Fiori/HCP Consultant**

GapBridge is a Global IT Services company, primarily utilizing SAP Digital Stack. Services includes consulting services for enabling the digital transformation, Social Business network, Mobility aligned with the SMAC strategy providing insights into customer business and adoption of the cloud solutions for the quick innovation.

**Responsibilities:**

* Involved in the end to end lifecycle development of Fiori and SAPUI5 Apps using SAP Web IDE in **SAP HCP.**
* Created JavaScript views as well as **XML** views from requirements gathering, development and support.
* Design and developed **SAP OData Service** in SAP Gateway system.
* Created and Activated OData Service based on **RFC**.
* Configured SAP Launchpad component.
* Ensured that Specify Connection Settings to SAP NetWeaver Gatewayconnection is configured between SAP NetWeaver Gateway and your back-end system.
* Ensure that Activation of Gateway and UI5 Services for the task and then to backend system.
* Designing,Developing,Implementing&Supervising in the application development.
* Cosmetic changes based on the day type with Displaying a summary at the bottom of the detail section in a table format.
* Created new **Catalogue**, **SemanticObject** and Target for UI5 app in Launchpad.
* Proper Routing and Navigation according to the Client’s requirement.
* Databinding with oData service. View Enhancements.
* ChangedAppearanceofscreensusingnew Portal Theme builder&ExternalCSS.
* Application is Deployed in ABAP Gateway Server and tested in **WebGUI** to showcase the capabilities to the stake holders.

**Environment: SAP CRM, SD, SAPUI5, Fiori**

**Zeteo Consulting, Dallas, TX Dec’14 to Jul’15**

**SAP UI5/Fiori/HCP Consultant**

Zeteo is an IT consulting, SAP consulting and custom software development provider offering full suite of SAP support, application development and enterprise integration services. Our team has been providing enterprise software development, SAP production support and ICT support services to our customer globally.

**Responsibilities:**

* Extensively used **sap.m** package to create device and platform independent mobile apps.
* Built OData Services in SAP NetWeaver Gateway using **tcode: SEGW**.
* Worked on developing services in **ECC** and **CRM** environment
* Created roles using tcode: PFCG for Approve Timesheets Applications so that all pending approvals for employees’ timesheets and approve timesheets.
* Activation of **EA-HR** business function.
* Installation of Gateway Server Components.
* Enabled the Activate Gateway and UI5 Services in SICF.
* Enabling the **SICF** Services for UI5.
* Enhancements done for dynamic value help, hiding of the fields in set types in the product search screen by adding new fields and executing the custom search query to get the result.
* Enhancement in partner search result to stop navigation to overview page based on the territory assigned to the logged in user.
* Worked on CRM Web UI Enhancement requests and issues raised by the client.

**Environment: SAP CRM, SD, SAPUI5, Fiori**

**Smartsoft International Inc.,Suwanee, GA May’14 to Nov’14**

**SAP UI5/Fiori/HCP Consultant**

Smartsoft International is a world class trusted SAP solutions organization serving businesses, utilities, industries and government agencies for over 16 years.

**Responsibilities:**

* Developed and built a **HANA** based XS Application to predict the intent of the caller received by the IVR system.
* Developed logic tree in **Voxeo** application builder to help filter the category of the call and also to help make web calls to the HANA application.
* Built application in JavaScript on **HANA XS Engine** and interfaced it with the Voxeo IVR systems.
* Developed **tables** and generated test data using a cron job.
* Developed logic tree in Voxeo application builder to help filter the category of the call and also to help make web calls to the HANA application with a team of 5 developers to help build the application.
* Developed Fiori Launchpad for **Smart Business Apps**.
* Built HANA views for various **KPIs** used as OData services for tiles on the Launchpad.
* Helped optimize complicated calculation views to help render the data on Launchpad faster.
* Configured WebIDE on HCP to help develop custom Fiori transactional Apps.
* Coordinated with offshore team to ensure proper handoff of responsibilities at **EOD** and vice versa.
* Understanding of existing databases systems residing in SAP / non-SAP environment and their business architecture.
* Developed reporting strategies including handling complex scenarios using joins and SQL.
* Creation of Users & Roles and Privileges Especially Analytic Privilege; assignment of privileges to Roles and Roles to Users in **HANA Studio**
* Performed basic security and authorization troubleshooting.

**Environment: SAP CRM, SD, SAPUI5, Fiori**

**Ciber Inc., Kansas, KS Jul’13 - Apr’14**

**SAP UI5/Fiori/HCP Consultant**

Ciber Inc., is SAP UI5 Development Company, an experience in Mobile Web Development using bunch of software technologies to provide build Web, Mobile and Mobile Web based applications.

**Responsibilities:**

* Designed, built, tested and implemented stand-alone modules for Magneto, including payment and shipping modules. Customized **Magneto’s** inherent features based on client needs.
* Used client-provided PSD files to implement Magneto layouts, skins, and themes including customized user functionality.
* Created own working environment using **VMWare** Player software for development purposes.
* Developed and implemented **SVN** repositories and managed software releases.
* Provided end-to-end support for e-commerce transactions from receiving orders to settlement.
* Imported client-provided data for customers, products, and other pricing rules.
* Worked closely with clients and a team of developers to address client concerns and devise best practices for implementing client desired functionality.
* Handled initial inventory upload and managed stock from an external API service.
* Built interfaces to integrate site with 3rd party services like payment gateway, Lightspeed Sales /Inventory Management system and **Microfiche APIs**.
* Customized UI to reflect the branding of the company.
* Planning and conducting cross-browser usability testing against **W3C**.
* Testing and validating work produced as part of the development process.
* Developing advanced database driven websites & systems including e-commerce.
* Developing compatible User Interface functionality using **jQuery**& other libraries.

**Environment: SAP CRM, SD, SAPUI5, Fiori**

**Crave InfoTech, Piscataway, New Jersey,**  **Oct’12 - Jun’13**

**SAP ABAP Consultant**

Crave InfoTech is a global software and technology services company providing a full spectrum of software services to clients from different industry verticals.

**Responsibilities:**

* Implemented the **BADIs "CRM\_ACTIVITY\_H\_BADI", "CRM\_SRV\_OSSET\_CHECK" & "ORDER\_SAVE"** to make field mandatory on activity screen. Modifying the query parameters including max hits of the Product Search screen.
* Implemented copy control **BADI "CRM\_COPY\_BADI"** for making enhancements during follow up creation and Copying control requirements.
* Various enhancements done at **UI/Component level** for defaulting different fields upon new creation, dynamically changing the property of toolbar buttons, dynamically changing the configuration of page.
* Adding **custom fields** in various views in **Web UI** and added functionality.
* Created and worked on **RFCs** involving various customer requirements.
* Implemented various **BADIs** for defaulting different fields in the screens and also for Implemented **BADIs** to be executed upon Actions.
* Worked extensively on Web UI enhancements & configurations, reports, external list management enhancements, replication of data from **CRM to ECC & vice versa** and technical specifications.
* The work mainly involved the following areas in **SAP CRM**: Account, Contracts, Activities, Opportunities, Interaction Center.
* Enhancements done in **IC Email Inbox** in Interaction Center Agent to show different fields and displaying confirmed account number in the context area and Uploading the Mass contacts via **ELM** also via **LSMW** using **BDC**.
* Enhancing components and redefining standard methods for auto populating various fields on Web UI.
* Implemented **ORDER\_SAVE BADI** for making fields mandatory and displaying error message on the Web UI and created reports to delete business activities and to change the status of business activities.
* Enhancement Program **SAPMV45A (VA01)** Sales order creation program for blocking the Delivery against the Pay Order and through User exit & screen exit Additional data screen modified, **Z structure** appended to **VBRK** table.

**Environment: SAP CRM ABAP, SAP IS-U, SD**

**Smartshift Technologies, New York,NY**  **Nov’10 - Sep’12**

**SAP ABAP Consultant**

Smartshift Technologies delivers dramatic reductions in risk, cost and cycle times while improving performance and replacing the people-intensive approach to transforming and managing enterprise applications.

**Responsibilities:**

* Developed aging report for vendors with totals derived by company code and business area and Developed **A/P Invoice report**, credit details of vendors and list of partial payments.
* Designed **Automated tool**s for SAP transformation, Enterprise and legacy modernization and Automated assistant tool in ABAP code QA, Cloud management.
* Developed Roadmap for the Cloud strategy, and App development.
* Material consumption reconciliation report to display all items that have been consumed in particular movements.
* Developed **SAP Script layout** to print customer invoice for the transactions originated within **FI-AR**.
* Created a custom Smart Form to print the details of Invoice and Modified multiple forms in **FI module** to replace the old logo with new logo.
* Created report for service tax received and payable service tax freight and **ALE/EDI-IDOC** configurations & Custom segments creation for **Purchase Order IDOC**.
* Involved in development of custom tables, data elements, domains, views and Match codes using Data Dictionary.
* Created an Interactive Report for displaying vendor information. Based on the selection made, the corresponding Vendor Bank Details are listed such that the line selected in the basic list was visible along with the secondary list.
* Upload **Material Master Data Using Transaction 'MM01'** through **LSMW** using direct input method.
* Developed a **Sales order** and **Billing documents report**, which displays the details of all the sales orders and the related Billing documents.

**Environment: SAP ECC 6.0, SD, FI, MM**

**Alliance Softech Pvt Ltd, Hyderabad, India Dec’08 –Oct’10**

**SAP ABAP developer/Programmer**

Alliance Softech Pvt Ltd is an established web development company delivering web development services of any complexity to clients.

**Responsibilities:**

* Design and Development of the **'Concession Report'**which was displayed to the user as an Adobe Form populated with data from SAP ECC 5.0 system
* Implemented a **'Download to Excel'**functionality that allowed the user to download the Sales Notification report
* Developed **enhancement** spot for pricing criteria to show that on portal.
* Developed Sales Contract, incomplete sales order, **Invoicing** and HR interactive reports.
* Developed user exit for **t-code va41, va42, va01, va02, vf01 and vf02**.
* Worked on day-to-day support issues for **clearing tickets** in ABAP.
* Extensively involved in SAP Upgrade from R/3 4.7ee to ECC 6.0.
* Implemented **BADI** to populate the fields Name1, Org account Number, category and address usage type into **IDOC**segment.
* Dealt with Various BADI’s and User Exits in SD space for the programs **MV45AFZZ**.
* Modified the Standard User Exit RV60BFZA for the Sequential Invoice Numbering to get assigned different for different countries.
* Developed a custom program for automatic goods movement. Create Reservation using **BAPI\_RESERVATION\_CREATE** and Change Reservation by **BAPI\_RESERVATION\_CHANGE**.
* Modified some print documents (Smart forms and Reports) as per Client requirement.
* Modified smart forms for MM and SD like Sales Contract, PO, invoicing Purchase Requisition and Sales Order **Technical Development processes** included Requirement Analysis, High Level Design document, Technical Specifications, Coding, Unit & Integration Testing and Post Go-live Support

**Environment**: SAP ABAP, SAP ECC 5.0, SD, MM.

**EDUCATION:**Bachelors in Technology