**SRIDHAR PRASAD KANOJ 732-666-7169**

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SUMMARY:

* **Architect/Full Stack Technologist with over 15 years of experience.**
* **Technology – Java8/Java EE/Web Services/ REST /SOAP/AWS Cloud services/ESB**
* **OOP/Functional programming/Agile/Scrum/VersionOne/TDD/Clarity**
* **IoT -Python/AngularJS/Bitbucket/JIRA/Confluence/Linux/TomEE/JBoss**
* **Microservices/Spring(AoP/Boot/Batch/Integration/security)/JPA/Hibernate/ Struts**
* **Integrations/Sonic ESB/Messaging services(MQ series, ActiveMQ)/Web Servers/ SSO/ OAuth2**
* **Databases Oracle/SQL/PLSQL/MySql/MongoDB**
* **Ansible/Autosys/Jenkins/Bamboo/SOAP UI/JMeter/Maven/C24**

EMPLOYMENT DETAILS:

* 3i Infotech (04/2017 – till date) as Solution Architect
* Amitech Solutions Inc (03/2015 – 04/2017) as Application Architect
* Capgemini US LLC & Capgemini India (10/2005 - 01/2015) Architect/Manager
* Hewlett-Packard(GDIC) India (02/2004 – 10/2005) as Sr. Technical Associate
* Infotech Enterprises, India (02/2003 – 02/2004) as Team Leader
* IT Solutions Asia, India (06/2000 – 01/2003) as Senior Developer

**SELECT PROJECTS:**

**Client/ Project: Johnson & Johnson/ GPA line of applications**

**Solution Architect**

**06/2018 – Till date**

The GPA service line is dealing with global pricing, data processing, data mart and data Analytics applications. Information received from different sources is fed to applications across globe, which consumes pricing, sale and market data. These applications are also responsible feeding in the end systems which define the go to market strategy.

* Migration of the legacy use cases to secured web application using latest technology stack.
* Used StringBoot, Spring Security, Hibernate, Oracle and AngularJs for development.
* Bulk data loading operations from acquired companies and mergers.
* Using Spring security patterns to interconnect multiple systems and Spring MVC for web.
* Create Data processing and reporting jobs and using Autosys define and schedule the jobs.
* Implement the CI/CD practices using Altassian tools, Jenkins, AWS S3, AWS RDS databases.

**Technologies: Java 8, Spring Boot, Spring MVC, Spring Security, Hibernate, AngularJS, Oracle, BitBucket, JIRA, Confluence, AWS S3, AWS RDS.**

**Client/ Project: BMO Capital Markets/SDS**

**Solution Architect**

**11/2017 – 06/2018**

Shared data services (SDS) is a referential data framework that integrates the data feeds from different source systems and processes the data to Shared Data Repository and serve the downstream consuming systems in real-time. The end goal is to develop an event driven integration with messaging services is to allow fail proof communication and real-time data processing.

* Define a data distribution framework for a scalable and high performance solution.
* Use C24 to map different data feeds with java objects and spring batch for processing data.
* Using Spring Integration patterns to interconnect multiple systems and processes.
* Create Data processing and reporting jobs and using Autosys define and schedule the jobs.
* Implement the CI/CD practices using Altassian tools, Ansible, Bamboo and JFrog Artifactory.

**Technologies: Java 8, Spring Batch, Spring Integration, Ansible, Autosys, JFrog, C24, Oracle, BitBucket, JIRA, Confluence, Linux, Shell Scripting**

**Client/ Project: Mediacom/Maestro**

**Integration consultant**

**04/2017- 10/2017**

This is an OSS operations assignment with the goal of migrating to new external interfacing systems and tuning the interactions within the core OSS operational environment Maestro. The Residential Provisioning systems and the Neustar® number management system integration was the key area of development which is being development as part of this assignment.

* Develop the Order Management Webservices using Java/SOAP API standards.
* Build the JAXB components to handle the BSS inputs and transform the XML files.
* Develop the SOAP client projects to test the end-to-end integration of the workflow.
* Use the ActiveMQ messaging services to publish and consume the events in ordering process.
* Use JPA with Hibernate to persist and perform the database operations on Mysql database.

**Technologies: Java 8, Java Persistence, JAXB, Webservices (SOAP & REST), Active MQ, TomEE 7.0.0 server, MySql server, BitBucket, JIRA, Confluence, OSS operations**

**Client/ Project: Stryker/Accelerate**

**Consulting architect**

**09/2016- 03/2017**

The scope of the assignment is to evaluate and implement different software products for the IT needs of the Accelerate initiative. The Agile development model of the program is validating different software products to support the development and subsequent maintenance of the software. The responsibilities involve evaluating different products, Integrations, implementing and develop adapters.

* Implement the adapter API using Java to integrate the application interfaces.
* Developed Python scripts for server monitoring and administration.
* Using VB script configured the workflows on the ALM and UFT tools.
* Configured SSL and eSignature implementation using the product API.
* Used SQL, PL/SQL programming to perform data operations to generate custom reports.

**Technologies: VersionOne, ALM connect, HP ALM, UFT, eSignature, SSL, SSO implementation, MS SQL server, python, API development**

**Client/ Project: Johnson & Johnson/ eGRC (SoX, ITQC, SCRM, HCC)**

**Application Architect**

**08/2015-07/2016**

The scope of the assignment is benchmarking current application statistics and designing the application layout for AWS cloud migration, and promoting the new platform version of the application. The initiative of cloud migration includes As-Is design and To-Be system design and performance monitoring, latency improvement tuning activities. The project scope includes Planning releases, implementation and promoting platform version upgrades.

* Developed migration strategy to virtualization migration in private cloud.
* Developed backup and recovery for the application and database in the VPC environment.
* Define and configuration of scaling policies, VPC, and Elastic scaling, sizing requirements.
* Designing adapter interfaces connecting the application with the external systems.
* Performed upgradation of JBoss servers and Java version upgrade activities.
* Implemented new platform framework using Java programming, and PL/SQL programming.
* User Visio to produce Migration plans, Deployment Models, and network diagrams.

**Technologies: JAVA, JEE, SaaS, Memory management, Performance tuning, Amazon VPC integration,**

**Windows/Linux servers, JBOSS EAP 5.2, IIS, Eclipse, Oracle**

**Client/Project: Humana/ Service Gateway API**

**Solution Architect**

**03/2015-07/2015**

The goal of this initiative is to design and develop the Service Gateway API to channel all the service calls for campaign management group. The gateway would consume the IBM interact services, and serve the CMS services to different User Interaction channels. The scope also includes the integration of the User portal to track the user calls and customize the service API calls to suit the interaction criteria.

* Rest API specifications for design and development of service Gateway, using SOA standards and design patterns.
* Used Jersey API for design and development the Message transformation framework.
* Used IBM Interact API to design the Integration between the service Gateway and IBM interact.
* Setup the IBM WebSphere on Linux environments in Amazon EC2 cloud instances.
* Promoting the code to different environments on the Amazon EC2 cloud using build deploy tools like Maven, Git and Jenkins.
* Prepared Technical Documentation, System Design documents, and Deployment Models.
* Used Agile development practices for the sprint releases, planning and promoting changes through different environments.

**Technologies SOA, REST API, J2EE, Spring Boot, Spring AoP, Amazon EC2, IBM WebSphere, IBM Interact, UML, Linux, Eclipse, Maven, JSON, Jersey API, AngularJS, Agile scrum**

**Client/Project: Johnson & Johnson/eGRC (SOX, ITQC, HCC, SCRM)**

**Project: Application Architect**

**04/2013-01/2015 (Multiple projects)**

The scope of the assignment is to implement the customized version of the vendor product to support the GRC needs of the organization. The modules are tailored to capture the Governance, Risk and Compliance processes practiced and the periodic audit results, for the participating business groups within organization. The project scope includes Planning releases, implementation and promoting upgrades to the platform.

* Define the integration points and Data exchange formats with legacy applications and
* Design adapter interfaces for the application with the external systems.
* Performance tuning and Memory management of the application modules.
* Support the Business users and the technical teams, with the Application behavior and sustaining the application in different environments.
* Preparing Technical Documentation, Physical, Logical Deployment Models, and System Design Documents.
* Manage the Patch releases, planning and promoting changes to different environments.

**Technologies: JAVA, J2EE, Velocity, JavaScript, PL/SQL, UML, Memory management, performance tuning, Windows servers, JBOSS EAP 5.2, IIS, Eclipse, Active Directory, HP-QC, Oracle**

**Client/Project: NGE SF/The Walt Disney World**

**Technical Analyst**

**06/2011-03/2013**

Strategic Functionality enables common, stable technology infrastructure that provides the backbone for future development of Next Gen Game Changers that drive value growth and improved Guest experiences. Helps business visibility and operation improvement systems that drive efficiency. Support CMR and revenue optimization systems that drive value growth.

* Design Webservice API using RESTful web service standards.
* Design and develop the catching mechanism for the application.
* Contributed in SOA based messaging application design for different modules.
* Workflow definition and Sonic ESB bases messaging implementation.
* Service integration to support process workflow tasks and data transmission.
* Test driven Development (TDD) and integration testing activities.
* Designed and developed End-to-End service monitoring and failure analysis processes.
* Performance tuning to improve the service response time.
* Implemented service monitoring and reporting mechanism.

**Technologies: Sonic ESB, Sonic MQ, J2EE, Spring MVC, Spring AoP, AspectJ, Oracle, Wily, JMeter, BIRT Reports, RESTful API, Memory Management, XML, PL/SQL, UML, JIRA, Linux, HP QTP, Agile scrum**

**Client/Project: CISCO**/**NDCS Applications**

**Technical Analyst**

**10/2010-05/2011**

The scope of work with this portfolio is to analyze the legacy systems, and capture the business processes, document the Use cases, and functional requirements for the new systems to be built to address the business needs. The business decision for choosing external products to meet the requirements involved vendor interactions, product evaluation and identifying the right product with most suitable business value.

* Extract and document the As-Is system architecture and Business processes of legacy systems.
* Identify the new Business Requirements and prepare BRD for the new requirements.
* Capture the Use cases, and translate them to Functional requirements.
* Product identification, evaluation and compatibility matrix generation.

**Technologies: JAVA, Perl, UML, TOAD, MS Visio, BT IP Control, Linux**

**Client/Project: The Coca-Cola Company, TCCC WalMart VMP**

**Technical Manager**

**06/2009-07/2010**

The scope of the project is to convert the functions supporting the Wal\*Mart Vendor Managed Pricing, the WalMart chains and Store Information for all US customers along with the PMS data store out of the PMS platform which is written in mainframe FOCUS using a DB2 data store to a web application that can easily be maintained and provides an enhanced user experience.

* Designed and developed a custom framework based solution.
* Design the migration approach of VMP mainframe application to a web application.
* Create and execute data migration plan.
* Design and documentation for the application using TCCC’s Global IT methodology.
* Conduct parallel run for the re-designed application with the existing application.
* Develop POC for technology verification and validation.
* Framework validation and setting up the Technical environment for development.
* Use case validation, code review and knowledge transition.
* Development of use case functionality, and integration interface development.
* Data Migration planning and managing the execution.

**Technologies: Java, J2EE, Multithreading, XML, PL/SQL, Struts1.3, Hibernate, Spring MVC, Spring Batch, AJAX DOJO, Tiles, Oracle, Agile scrum, IBM WebSphere AS, UML**

**Client/Project: Ministry of Home Affairs/ e-Borders (IVFRT)**

**Solution Architect**

**01/2009-04/2009**

The IVFRT project is a consulting assignment whose purpose is to provide the client with the solution Architecture for the IT enabled future vision of the Visa, Immigration and Foreigner Tracking processes. The deliverables include the Detailed Project Report, Solution Architecture Report, Change Management Report and Project Plan Documents.

* Was involved in As-Is system study and client interactions.
* Capturing the stakeholders’ requirements and Creation of Current IT State Assessment Report.
* Used IAF methodology to derive the B, I, IS & TI aspect area deliverables for the future state services.
* Developed the Service interactions model, component grouping for the IS & TI aspect areas.
* Involved in generating the different aspect views of the proposed solution Architecture.
* Contributed in developing the Benchmarking Report after validating the different available solutions with their merits.
* Involved in defining the To-Be Data interaction model.
* Contributed in developing the Solution Design Report.

**Technologies: IAF Methodology, MS Visio, System Architect, UML**

**Client/Project: General Motors/ Service Workbench**

**Technical Manager**

**06/2008-10/2008**

The Service Workbench (Plan and Define) project defines the Architectural solution and the roadmap for the next 3 years of Workbench development and delivery activities. The Architectural solution provides the approaches and solutions for the integration of different GM After-sales business applications.

* Was involved in analysis of the business model and systems involved.
* Worked on understanding the Architecture of each of the legacy applications.
* Identified the improvement areas that would enhance the user experience.
* Worked on identifying the business processes that can be implemented from Workbench.
* Used the IAF approach to identify the Business service and extracting the IT services and developing the logical Architectural views.
* Involved in defining the To-Be architectural design solution.
* Validated the To-Be architecture with different practice heads and reworked on changes.
* Created proposals for each system integration.
* Worked on identifying the different solution approaches for integration.
* Shared and discussed the solution proposals with the stakeholders.
* Involved in creating High Level Design for the solution.

**Technologies: IAF Methodology, JAVA, J2EE, Multithreading, WebLogic, Struts, Oracle, Rational Tools, XML, PL/SQL, Sun Solaris**

**Client/Project: General Motors/ Parts Workbench**

**Application Architect**

**02/2007-03/2008**

The Parts workbench was defined and developed to provide global solutions for the GM application users across different regions, for clients after sales and service business processes. The business purpose of the workbench concept is to group the business process related applications to be accessible from single interface.

* Part of Rapid Solution workshops with the stakeholders to identify and shape the client requirements.
* Member of Architectural review meetings.
* Participated in Architecture and technical requirement sign-off discussions.
* Development Environment set-up and release planning activities.
* Deliver the proposed solution high-level design.
* Data modelling and design documentation activities.
* Framework enhancement and tracking integration of adapter services with legacy applications.
* Engaging with multiple vendor partners and managing the deliverables.
* Deployment, performance testing and code quality validation activities.

**Technologies: J2EE, JAXB, WebLogic, Struts, Oracle, XML, PL/SQL, Sun Solaris, TAM & LDAP Servers**

**Client/Project: General Motors /Order Workbench, GME**

**Technical Lead**

**10/2005-12/2006**

The project GME OWB, automates all the processes for GM Corporation, which runs its business in a global scale. The front end is developed in J2ee and the backend is supported by different data sources, like Oracle, LDAP and a model office to IBM Mainframe. The Workbench system will provide a seamless integrated Web front-end that makes it easy for the dealers to do business with General Motors.  Data will continue to reside in existing enterprise legacy applications/databases and will be accessible via a user-friendly web interface.

* Analysed the problem areas and propose solutions.
* Provided High-end technical solutions in J2EE areas.
* Business related discussions with the client teams and users.
* Provided estimating for the Change request solution and engaged the teams.
* Handled the deployment activities over different environments and verifying the results.
* Reviewed technical solutions provided by the team.

**Technologies: J2EE API, WebLogic, Struts, Oracle, Java, XML, PL/SQL, Sun Solaris, TAM & LDAP Servers**

**Client/Project: HP Finance/ Company Hierarchy Relationship System**

**Senior Analyst**

**03/2005-09/2005**

This application is used by procurement applications for reporting Spend data and helping to manage HP's supplier base more strategically. This application provides a common view, of supplier families across tools, which are based on an industry standard. CHRS helps centralize data and program management of hierarchy efforts. CHRS provides functionality, which will supplement legal hierarchy data, with additional information, so that the spent information can be reported globally. Reduces costs associated with third party data vendors and the supplier base that needs to be managed.

* Involved in the system design and documentation.
* Provided solution design for data feeds in monthly intervals.
* Developed Java programs to group suppliers and identify suppliers for the groups.
* Developed User interface for Administrator to do data operations.
* Programmed for Data file archiving and audit information on transfer of files.

**Technologies: Java, JDBC, PL/SQL, Multithreading, HP-UX, HPSB (ESB), FTP Servers, SQL Server 7.5, Eclipse 3.0**

**Client/Project: HP Finance/ GSP eProcurement Solution**

**Senior Analyst**

**03/2004-01/2005**

The scope of the project is to plan and manage projects to test and Integrate third-party package components in a global high-availability infrastructure for enterprise interoperability between business functions. The scope includes, the upgrade of existing components to new versions of components and solve the integration problems.

* Installed Broker patches & Installed Service proxy applications.
* Monitored OVO tool Installation guide verification.
* Tested the functionality of different Queues in the brokers.
* Checked the functional behaviour of the Inbound Queues and Outbound Queues.
* Checked the message routing to designate URL’s.

**Technologies: Java, J2EE, JMS API, HP OVO, WebLogic 7.0, HP-UX Servers, Sonic MQ 4.0.2**

**Client/Project: Pratt & Whitney/Event Tracker System**

**Team Leader**

**02/2003-01/2004**

The Event Tracker system is used to manage the business processes of the Fleet Management Program related to Field Events. The application covers the business process from initiating an event and recording field information to the resulting maintenance actions, shop visits, financial transactions till the business close of the event. The scope of the application was to cover the areas namely: New Field Event Information, Maintenance Attributes, Cost structure and Funding Sources, Work Instructions, Shipping, Receiving, Process Metrics and Financial data – expected costs, invoices – review and approval.

* Developed a framework to implement MVC2 architecture
* Developed Model tier process logic using design patterns.
* Coded the Command classes and interfaces.

**Technologies: Java, Servlets, JSP, Java Beans, Design Patterns, Oracle, Sun Solaris Servers**

**Client/Project: DAA Inc/Hydraswitch Configurator**

**Sr. Software Engineer**

**11/2001-12/2002**

The Hydra-Switch Configurator will allow internal sales and engineering personnel to specify the 3000 standard and LP series Hydra-Switch railroad switch machine for simple railyard applications. The system will produce a list price sales quote, a complete set of documentation and all the programs that are required to be put into the switch machine micro controller in the factory before shipment. The data will be obtained and stored in a GETS Oracle database. Other sources of data may be in JDE. Quotation data will be transferable to JDE.

* Responsible for requirement study and prepared System Requirement Specifications
* Implemented MVC architecture using Struts 1.1 Frameworks.
* Developed the module for saving the configuration data in the form of Files.

**Technologies: Java, JSP, JavaScript, HTML, JBoss 3.0.3, Eclipse 2.1, Sun Solaris Servers**

**CERTIFICATIONS:**

* TOGAF 9 Certified Practitioner
* IAF Practitioner Certification
* IBM Certified for SOA Essentials

**PROFESSIONAL TRAINING:**

* Agile Project Management
* Engagement Management

**EDUCATION:**

Bachelor of Engineering (Electronics and Communication) 1996, Karnatak University, Dharwad, India