**SATYA NARAYAN JOIS**.

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**SUMMARY:** **10 years** of professional experience in software development process with wide range of skill set. Experience in working with open source implementation like **Struts 1.x/2.0,JSF 1.2/2.0, Hibernate, and spring framework** 3.2 ,Spring Web-Mvc,Spring AOP,Spring Annotations, Spring IOC, DAO,ORM Modules . Also worked on Spring Tiles Framework, specialized **in Object-Oriented programming**. Extensive experience in e-commerce and Web-based applications. Experience in analysis, design, development, customizations of software applications in Java technology which **includes Java, JSP,** **JAVASCRIPT, JBOSS, JBOSS Drools SERVLETS, EJB, JDBC**, etc. Good working knowledge on **developing MVC (Model-View-Controller)** applications. Experience in working with open source implementation like **Struts 1.2/2.0, Hibernate/JPA , and spring framework**. Experience in analyzing and translating business requirements to technical requirements, proof of concept, implementation, testing, maintenance and product support. Good knowledge in **MYSQL Database** connectivity and maintenance. Very good hands-on experience working on **IDE’s like Eclipse.** Experience in **designing UML diagrams** **using Rational Rose.** Good Experience in working with XML and technologies like **XSLT, DTD, XSD. Ex**perience in design and development of both B2B and B2C e-commerce projects. Good communication, presentation and interpersonal skills. Good at working in teams, as an individual and a quick learner.

**Expertise Includes**

* Strong experience of software and system development using **JSP,JSF 1.2/2.0,Struts 1.2/2.0,Servlet, EJB 2/3.0, JDBC, AOP,DAO** **JUnit/Maven 2.0,JBOSS, Seam Framework**
* Good exposure to performance optimization techniques like **Ehcache, Websphere Extreme scale**.
* Exposure in development tools: **EMMA Code Coverage,** for delivering quality and complying with coding standards.
* Expertise in developing applications using Spring Framework projects such as Spring-Integration, Spring Security, and Spring Web Services.
* Rich experience of database design, performance optimization and hands-on experience on database systems: Oracle 9i-**10g, PL/SQL, MySQL.**
* Hands-on experience in **JBOSS/Weblogic, Application server, Apache Tomcat** .
* Versatile and adaptive to work in different platforms and programming languages based on project requirements.

**TECHNICAL SKILLS**

Web Technologies Java/Java EE (JSP, Servlets,Struts1.1/2.0, JDBC, JSF 1.2/20, Spring Framework, Hibernate, JBOSS Seam Framework

HTTP Servers Apache 2.x, IIS 6 and 5, Tomcat 6/7.0

Application Servers JBOSS , WebLogic

Rule Engine JBOSS Drools

Operating Systems Sun Solaris 9 &8, Windows Server 2003, Windows 7 and XP

JVM Sun Hot Spot JVM 1.5, IBM JVM 1.4 and 1.5

Hardware Sun Fire Series, IBM p series, IBM Blade Servers, Wintel boxes

Other Tools & Technologies Mercury Load Runner 6, Crystal Reports, JUNIT, Apache ANT

Languages Java, C, C++, C#, JavaScript, VB Script, SQL

Methodologies Unified Process, UML – Rational Rose, OOAD

RDBMS Oracle 7.0, SQL Server7.x, MS Access

Development IDEs Eclipse, Visual Studio 6.0

Configuration Management Visual Source Safe, PVCS

Domain knowledge Healthcare, Insurance, Manufacturing, Banking, Telecom

**EDUCATION**

Bachelor of Engineering in Computer Science & Engineering, Mysore University, Karnataka, 1990, India

ACHIEVEMENTS

• Successful implementation and rollout of Medical Information Management System for Westland Crop. LA, CA

• Successful implementation of TCP/IP client for HANS for BCBS Newark NJ

• As Technical Architect Architected and Designed Century Gateway Product for Verizon for Reston VA

**PROFESSIONAL EXPERIENCE**

**Client: CSC/Center for Medicare and Medi Claims(CMS) Columbia MD**

**Jan’14-till date**

**Hospital Quality Reporting**

**Domain: Health Department- Fed Govt. USA**

**Role: Sr. Java Developer**

As a Developer designed and developed Middleware Modules using JMS/ MDBs, Business Components and Dao and Business Services for Hospital Quality Reporting System for CMS Quality Net portal. The product supports the functionality to submit patient survey details and quality service details for inpatients and out patients provided by hospitals which helps in evaluating quality standards of Hospitals and there by measure and Rate the Hospital Quality in Portal. This helps people to choose better Hospitals based upon the ratings. Hospitals get 2% bonus in their annual payments by registering and submitting service details from CMS. The Project is migration from **Legacy System to SOA based application** typically includes **SOAP based Web Services..**

Responsibilities:

* Developed JMS **Modules using MDB/QUEUES.**
* **Developed JSF Pages , Business components, DAO components using JBOSS Seam Framework**
* Designed and developed the Web Services for all the modules.
* **Designed and developed Business Services in Service Layer. using JBOSS DROOLS business Rule Engine**
* Performed application modules **Integration and Unit Testing**, fixing the problems reported in during testing phase.
* The migration majorly involves decoupling between different application and components which is achieved through Web services.
* Involved in the change request Management and enhancement of Existing functionalities.
* Manage and deploy application using JBOSS App**lication Server**
* **Environment**: **Java 1.5, JSF, Hibernate , Eclipse/ JBOSS SEAM Frame work, JBOSS DROOLS.**

**Client: Excellacom/ Verizon Virginia Inc, Reston VA**

**Jan’13-Dec 13**

**Century Gateway**

**Domain: Telecom**

**Role: Sr. Java Developer**

As a Developer designed and developed Front End Modules using JSP/ SERVLETS, Business Components and Dao and Business Services for Order Management System for Verizon Subscriber System. The product supports the functionality to deal with order Management of LSR (local subscriber registration) with various options in Local Telephone land line connections. Typically includes testing and simulation of existing Verizon transactions and error handling in various steps in Registration forms of order registration on local phone connection. The Project is migration from **Legacy System to J2ee based application** typically includes 3 tier architecture Front End implemented in JSF**, Business** Layer.,

Responsibilities:

* Developed front end **Modules using MVC architecture using JSF 2.0.**
* **Developed JSF Pages , Business components, DAO components using JBOSS Seam Framework**
* Designed and developed the Web Services for all the modules.
* **Designed and developed Business Services in Service Layer. using JBOSS DROOLS business Rule Engine**
* Designed and developed Business Services in Service Layer.
* Performed application modules **Integration and Unit Testing**, fixing the problems reported in during testing phase.
* The migration majorly involves developing Object Oriented Components in java implementing logic in legacy code
* **Used factory Method, Abstract Factory, strategy, Adopter, Session FACADE design pattern using**
* Involved in the change request Management and enhancement of Existing functionalities.
* Manage and deploy application using **JBOSS Application Server 6.1** with deployment manager in a clustered environment.
* **Environment**: **Java 1.5, JSF, Hibernate , Eclipse/ JBOSS SEAM Frame work, JBOSS DROOLS.**

**Project: ONESOURCE**

**Client: Fiserv/YAHOO, Portland OR Jan’12 to Dec 2012**

**Domain: BANKING**

Description: ONESOURCE is a banking system which is being customized for yahoo Inc. in collecting the bank transactions history and account balances from all the bank accounts in different banks for each enrolled yahoo user. It goes through websites of whatever banks user has the accounts irrespective of states and account types and logs into accounts and collects the information and sends it into yahoo website every night in OFX format and also does instant updates of account balances upon request from user from yahoo page. It helps yahoo users to view all their bank transactions and latest account balances as soon as they visit yahoo pages instead of going to each of their bank websites. This provides easy access to users from one place to view their bank transactions and track their financial status instantly from single source. This product also features functionalities to customize their web pages to show always their interesting articles, stock options, etc.

Responsibilities:

* Designed and developed customized financial organizational specific OFX components.
* Designed and developed Dao objects to access stored procedures in Oracle Database.
* Involved in Load testing for performance tuning and scalability and Acceptance Testing phase.

**Environment: Java, J2EE, Struts 1.2/2.0,EJB 3.0, JBOSS**

**Project: Internet Banking System**

**Jan’2011– Dec’2011**

**Client: Fiserv Portland OR**

**Domain: BANKING**

**Role: Developer**

Description: This is an internet banking software consisting of various interfaces such as DHTML, JAVASCRIPT, and ODBC. The front end is designed to run any browser where the customer can submit request for his account details such as monthly statements, balances and also various listing of all his accounts in that bank. Customers can keep their own copy of transactions each day in bank database and reconcile with bank recorded transaction any time which helps easy tracking of various credit card and debit card payments.

Responsibilities:

* Designed and developed Business components to implement conversions from OFX formats using Spring Custom property editors.
* Designed and developed **the WebPages for all the modules using Spring Tiles framework**
* Performed Load Testing, Integration Testing and Unit Testing of application modules.
* Designed and **developed Optimized SQL queries.**

**Environment: Java, J2EE, Struts 2.0, Spring, JBOSS 7.0.**

**Project: Test Result Management Tool**

**Jan 2009 - Dec 2010**

**Client: INTEL Corp. Portland OR**

**Role: Sr. Programmer Analyst**

Description: This software is web based tool which helps in testing departments to generate test plans and procedures for various software drivers. These plans are later electronically distributed to various an engineers and the software also tracks all the test results testers to remote Intel sites The software also tracks all the test results for various steps in different test plans and Maintains results for reviews by test engineers in remote database.

Responsibilities:

* As this is internal product used by INTEL Engineers to test and validate vendor supplied parts involved in interacting with various INTEL departments and analyzing their requirements.
* Designed and developed java bean components to Detect and defect tracking errors.
* Developed to Business Objects to persist data to Defect tracking Database with the help Hibernate persistence.
* Developed DAO objects to access database Oracle from service layers.
* Performed portability tests on various platforms such as Linux, Windows and Salaries.
* Prepared user manual and Guides for the Product usage.

**Environment: Java, J2ee,Struts 1.2/2.0,EJB 2/3, UML and Rational rose**

**Project: Medical Information Management System (MIMS)**

**Jun 2007 -Dec 2008**

**Client: West land Corp. LA, CA**

**Role: Sr. Developer/Programmer Analyst**

**Domain: HEALTHCARE**

As a programmer / analyst involved in development t and testing of MIMS. This system has the functionality to support to Medicare claims from e Doctors and also Insurance Companies. It deal with transactions involving credit processing, payments payment cycles of various Insurance companies from patients, customer payments collection. This is a reverse engineered product from legacy COBOL product to J2ee application

Responsibilities:

* Performed Analysis of existing functionality with different modules
* Prepared use case and sequential diagrams to represent Object interactions and design documents.
* Performed Object Oriented Analysis and Object Oriented design to convert into Java based Objects.
* Designed and developed Class diagrams and Collaborating diagrams document system design.
* Developed Java beans to implement Business components using GOF Strategy patterns to incorporate different payment options and payments cycle for different Insurance companies.

**Environment: Java, Struts, Spring Framework, Oracle.**

**Aug 2006 -May 2007**

**Client: Blue Cross Blue Shield – Newark, NJ,**

**Role: Developer**

**Project: Health access networking services (HANS)**

**Domain: Healthcare**

As a consultant involved in the development and testing of HANS’s client Communication module. This is file transfer program (ftp) on TCP/IP stack, using PC TCP/IP for dos. . It involved the implementation of FTP client using PC TCP socket library API. The server of Hans system was implemented on Windows NT The system supports all transactions involving physicians Hospitals, insurance companies such as email, referrals, claims, and settlements. The transactions could be online interactive or offline batch mode.

Responsibilities:

* Developed customized FTP protocol to replace Z modem protocol using Socket Library Interfaces.

Environment: C, VC++, PC/TCP/IP stack

**Jan 2005 - Aug 2006:**

**Client: GE Home Appliances (GE), Louisville, KY**

**Project: Field Product Rework Systems**

**Role: Developer**

As a programmer analyst, involved in the development and testing of the system. The system based 3 TIER architecture consists of Front End, Business layer and DAO layer. The system has the features to support production planning and scheduling as well as Resource allocation for post sales activities, services, rework of damaged goods, Customer complaints, quality audits and quality holds.

Responsibilities:

* Developed JSP pages, SERVLETS, and Business Components.
* Developed components to generate various reports and customer notification letters to notify Holds on the products already shipped from warehouse.
* Developed various service layer components to create different procedures to service appliance to automate generate workflows and tracking of post-sale service activities using Strategy Design Pattern.(GOF)

**Environment: Java, J2ee, JSP, Servlets**

**Project: Global material management Information System. India**

**Jan’2004-Dec’2004**

**Role: Developer**

The system was generic package which can be customized to user needs with minimal effort. The system deals with. Material management, break down analysis and repair information of all machineries. The system tracks information such as repairs and services carried out on various machines, future schedules dates of their services and type of services performed. This is a reverse engineered product from Client server Technology to Web based application.

Responsibilities:

* As it is a reverse engineered product performed various analysis on existing functionality.
* Performed analysis on the functional requirements and prepared Analysis documents
* Developed use cases and Sequential diagrams and use specifications.
* Performed OOA and OOD and documented with class diagrams using Rational Rose.
* Developed various service layer and business components to deal with generating maintenance schedules
* Developed workflow to procure inventory of spare parts for maintenance activities.
* Developed Dao and Business components to implement various procedural validation in Repair and Forecasting future schedules of maintenance.

**Environment: Java, j2ee, JSP, Servlets**