

SRIMANTH RAGHAVAN

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SUMMARY

- 6 years of professional experience in Software Development Life Cycle, Object Oriented Programming that includes Design, Development and implementation of Web Based, Client/Server, and Database applications, Service Oriented Architecture/Design.
- Worked for top innovative organizations like Yahoo, Sony Music Entertainment, Tata Consultancy services where leadership, Team skills and quality of deliverables is a core feature.
- Experience in developing applications using core Java and J2EE Technologies that includes Servlets, EJBs (MDBs and SSBs), JMS, XML, JNDI, Socket, REST, JAXB, JPA.
- Worked on applications that required **MVC** Framework using Spring and Google Play 2.1
- Experience in working with Object Relational mapping (ORM) Tool through Hibernate
- Good knowledge in using RDBMS concepts and worked with Oracle, PostgreSQL, MySQL and good experience in writing queries using Hibernate Query Language and EJBQL.
- Experience in using IDE Tools like **Eclipse** and other tools like JIRA, Fisheye, and CVS.
- Good working knowledge about XML parsing API using JaxP (Dom, Sax parsing), JaxB, and Web Services like REST, SOAP, JSON and XML for daily project applications.
- Good knowledge working in the areas of multithreading applications and use of design patterns with a strong emphasis on solid object oriented design (OOD).
- Used Struts MVC framework to develop applications and design server side flow. Good knowledge of using application containers like JBoss, Glassfish.
- White bowriting JUnit, TestNG for core applications and web services.
- Good experience in using shell scripts for deploying daemons and running scripts in the Unix boxes.
- Experienced writing Perl and PHP scripts for handling large data during graduate school internships and knowledge of networking OSI model and protocols like TCP/IP, UDP,RIP/OSPF,ICMP,BGP,RTP Kerberos, SFTP, FTP.
- Worked with version control systems like CVS, SVN platform for maintenance of a common repository of data for check in and check out.
- Good Experience in working on both development and testing of enterprise client server as well as web applications.
- Working knowledge of parallel and distributed computing technologies like Hadoop, Map Reduce etc. Attended workshops to understand the behavior and working of big data applications.

TECHNICAL SKILLS

- **Languages:** Java, SQL, UML, XML, C++ (Basics), J2EE
- **J2EE Technologies:** EJB 3.x, Spring, Hibernate, Servlets, Enterprise Beans, JMS, JNDI, JAXB, JAXP, Web Services using REST, SOAP, JSON, JDBC, MDBs, SSBs.
- **Application Servers:** JBoss, Glassfish, Web logic.
- **Database:** MySQL, Oracle, PostgreSQL, HQL.
- **Web Technologies:** XML, XSL, XML-RPC, REST, SOAP, RPC.
- **Version Control:** CVS, SVN
- **Scripting:** Perl, Shell
- **Design Patterns:** Java and J2ee design patterns.
- **Parsers:** DOM, SAX, XPath, XSD.

EDUCATION

- B.E. Computer Science & Engineering, Anna University, INDIA, Aggregate – 80%
- Masters of Science in Software Engineering, San Jose State University, USA.

WORK EXPERIENCE

Sony Music Entertainment

Atlanta, GA

Sony Music Entertainment is a billion dollar company In the Media & Entertainment Industry. The project AOMA (Asset Offer Management Application) involves numerous workflows to store audio, video and graphic media assets and deliver them to retail partners like Apple, Youtube, Digital Exchange etc. Established workflows involve registration with a JMS queue or topic to listen to the source for newer data, gather data using JMS ESB and handle data for Packaging, Conversion and Transfer. The main modules involve Delivery Service, Media Service, Delivery Dashboard, Search Service etc which provides capabilities to transfer data back and forth.

Responsibilities Included:

- Good experience in design, implementation and testing of applications using Synchronous and Asynchronous methods Message Beans using JPA, EJBs, JMS, Hibernate, Spring, MDBs, SSBs.
- Responsible in creation of business logic and controllers using Spring MVC framework.
- Experience deploying applications on servers and using the Play 2.1.1 web service MVC framework.
- Implemented JAAS functionality on an existing web application using form based authentication.
- Used ANT build scripts to resolve, generate and package the application.
- Debugging and configuration of the JBoss services for implementation of messaging services like destinations and connection factories, configuring persistence, Session EJB and MDB configuration.
- Developed a client using JavaMail API that sends email to recipients monitoring messages entering queues to generate metrics using MDBs and SSBs.
- Experience testing web applications as well as core enterprise applications using HTTP based web services as well enterprise applications using test client, JMS, MVC.
- Wrote and tested several web services using SOAP and REST to expose the functionality to external clients and services.
- Wrote DAOs and mapped entity classes to backend databases using Hibernate ORM.
- Used Jax-RS: Java API and Jersey Client to create Restful Web Services.
- Used JAXB, JAXP, SAX & DOM XML parsing techniques for Web service calls.
- Developed several utility classes for Sony Music media that required design change in the business flow using Jersey Client and Apache Solr Client.
- Created a separate Archive system that takes back up of existing databases. Separate entity **beans** are created which maps to tables inside DB. The whole operation is based on a timer-based servlet.
- Creation of multiple REST APIs (Request, Resource, Handler, Processor, DAOs) for different Sony Music applications. Process response XMLs, validation of key fields using Xpath etc.
- Contributed completely in design & generation of RSS feeds for Sony Music Release events. Wrote code to publish and subscribe to RSS feeds using XSDs and ROME library.
- Experience using the JUnit framework to write tests for web applications.
- Experience working in SQL server, PostgreSQL, HQL and knowledge of DBMS.
- Good experience testing applications using JUnit classes and developing utility classes.
- Used putty for to deploy the application in QA and PROD environments.
- Used Log4J for logging to find and store exception messages.
- Designed and developed Utility Class that consumed the messages from the Java message Queue and generated emails to be sent to the customers. Used Java Mail API for sending emails.

GTECH Corporation.

Austin, TX.

Applications Engineer.

DEC 2010 – SEP 2011

America Service delivery plays key role in GTECH corporation, it provides continuous support to various state lotteries in US region in the form of maintenance, enhancement and domain and technical production support of various applications like Altura terminals, ESTE systems and ES Middleware or back office applications. My project was payment processor using Struts applications. The user would go online and choose an online draw. My contribution in the project was writing several DAOs and creating different web services using SOAP and REST as our team was the owner of the main lottery database. The other teams would access our lottery module by creating a consumer Web Service. I was also working with an Onsite-Offshore team model. I was also involved in training the operations team on the usage of the UI.

Responsibilities Included:

- Provided Design and Architecture considerations for various interfaces within the system.

- Development of Modules using Java, JSP, Servlets, Spring, Hibernate.
- Involved in creation of entity classes and mapping them to the backend using Hibernate.
- Involved in Identifying technical issues, developing and gaining approval for proposed solutions, and schedule them into the project timeline for resolution.
- Creation of the Struts MVC layers to set up the application.
- Developed Session Beans in conjunction with Hibernate to retrieve and update customer information from the database
- Created and tested Web Services which exposed the functionality of code to access services.
- Addressing and fixing critical defects encountered in the DEV, Test environment before checking in code for testing.
- Used Log4j for logging and JUnit for testing. Experience in testing Unit as well as end to end of a web as well as an enterprise application.
- Tracked technical progress against plans and made adjustments wherever necessary.
- Used Web Services to receive data required for the back office application.
- Providing 24 X 7 production technical support for Lottery's Back Office Application.
- Creation of Spring POJOs and updating the configuration files for Bean details.

Technologies: Java SE 5, Java EE 5, EJB3.0, JSP, Servlets, Java Beans, CVS, Eclipse JBoss IDE 2.0t, Log4j, JBoss 4.2.3, Hibernate, Spring.

Common Wealth Bank Software Engineer

India
NOV2007- JULY 2009

The client Common Wealth Bank of Australia is a billion dollar commercial bank headquartered in Sydney, Aus. The project deals with getting data from multiple sources through a JMS layer where data is checked for redundancy, accuracy and checked against business documents. Data is maintained at the backend using a Master and a Slave repository, which handles all data pertaining to ATM DC project. The different messages from the sources are validated and processed to calculate the AOF.

- Worked on an application using the Spring MVC framework to help enhance an enterprise application by modifying business logic and implementing data persistence.
- Created POJOs and controller classes for setting up the project.
- Experience writing SQL queries and did modifications to the database in addition to modifying the application workflow.
- Used JDBC 2.0 API, EJB (Session and Message-Driven Beans), and Spring MVC for servlet development, JMS, Beans, and other J2EE components.
- Used Agile methodology in the design and development of a financial transaction application.
- Testing of Web Services using JUnit test cases and updating the tracker using JIRA.
- Monitor error messages using Log4J and troubleshoot problems in the post production phase.
- Involved in writing SQL queries for populating the backend with test data.
- Creating and running JUnit classes for basic testing of application modules as they are developed.

As a Test Engineer

- Performed testing of an ATM application using agile strategies to execute test cases, defect tracking using Quality Center and Load Runner.
- Good understanding of QA concepts and running automation scripts to support regression testing.
- Reviewed business requirements and tracked defects and comparing with Quality Center.
- Experience testing of web applications and ATM applications.
- Updating test cases and scenarios and tracking defects for completion and reporting to developers about open tickets.

TIFAC – CORE Research lab, Chennai, India

MAY 2006 – MAY 2007

- Developed an Automated Secure Image Recognition System that deals with automation of gate registry.
- Developed and ran scripts using Perl and for a grocery store application and web site maintenance. PHP
- Worked on a phone book application using MVC to break the UI flow into several controllers and handlers to locate customers based on a search criteria.
- Wrote SQL queries to set up the local Oracle DB for both DML and DDL usage.
- Good experience in testing of web application and enterprise application flows for performance.