Ravi Reddy
SR. JAVA/J2EE DEVELOPER
(402) 500-0041
rvk.reddy240@gmail.com

SUMMARY OF EXPERIENCE:

- **9+ years of professional experience in all facets of Software Development Life Cycle** – like requirement analysis, architecture design, development, testing and implementation of Enterprise Applications using, Java /J2EE technologies in e-Commerce, Finance, Insurance, Retail, Healthcare, Hospitality, and Telecommunication domain.
- Proficient in Design and development of distributed Enterprise and Web applications using **Java, J2EE (JSP/Servlets, EJB, JMS, JDBC), Collections, Struts, JSF, Hibernate, Spring Frameworks, XML (SAX, DOM), XSD, XSL/XSLT, Ajax/JavaScript, HTML, PHP, Perl, CSS, ANT** and **Web Services (SOAP, WSDL, UDDI).**
- Expertise in Object Oriented Analysis and Design **(OOAD)**, Model View Controller **(MVC),** Service Oriented Architecture **(SOA),** Inversion of Control **(IOC),** Dependency Injection **(DI),** Annotation-Driven Programming.
- Hand on experience in XML technologies like **XSL/XSLT, SAX, DOM, X Path, SOAP, WSDL, DTD, XSD, XMI, SOA, JAXB, JAXP, and Apache Axis.**
- Expertise in implementing **J2EE Design Patterns** like Singleton, Front Controller, Factory Pattern, Business Delegate, Service Locater, Session Facade, Data Transfer Objects (DTO), and Data Access Objects (DAO)**.**
- Experience in designing Use Cases, Class diagrams, Sequence and Collaboration diagrams for three/n-tiered object-oriented system architectures using Unified Modeling Language **(UML)** tools like Rational Rose.
- Working knowledge of **Agile Scrum, Waterfall**, and **Rational Unified Process (RUP)** methodologies.
- Excellent skills in **debugging** and **bug-tracing**. Hands on Experience with **Web Sphere MQ.**
- Build **ETL processes utilizing SSIS and DTS, including FTP data** from remote location, transform it, mart it to data warehouse and provide proper error handling and alerting.
- Installed, **Configured Cognos8.4/10 and Talend ETL** on single and multi-server environments.
- Experience in **Ant and Maven** build tools for project development and deployment.
- Experience in configuration, Integration and Development with **AWS (EC2, S3, and Cloud Front).**
- Experience in writing and executing unit test cases using **J Unit** Testing Framework.
- Deployed applications using various Application/Webservers like IBM **Web Sphere Application Server, JBoss, BEA Web Logic and Apache Tomcat.**
- Proficiency in **NoSQL** databases **Cassandra** and relational data modeling, object-relational integration (ORM), physical design/tuning. Experience in Preparation and execution of **Test Cases**.
- Extensively worked with **Oracle, SQL Server, MySQL, Sybase, and DB2**relational database management systems (RDBMS).
- Strong knowledge in designing and coding **stored procedures, Triggers and Functions** using PL/SQL and also fine-tuning the SQL queries.
- Experience in using configuration management build management tools like **CVS, Mercurial, Subversion (SVN) and Rational Clear Case.**
- Extensively worked on **Windows, UNIX, AIX, Solaris and Red Hat Linux** operating systems.
- Performed lead, supportive and sharing roles with strong communicative and interpersonal skills in team-tasks.

TECHNICAL SKILLS

Operating Systems	Windows NT/2000/2003/Vista/7, UNIX, Linux
Programming Languages	C, C++, Java (J2SE, J2EE), PL/SQL, Perl
J2EE/JAVA Technologies	JDK 1.4/1.5/1.6/1.7, Servlets 2.3/2.4/2.5, JSP 1.2/2.0, EJB 2.0/3.0 JDBC 3.0/4.0, AWT, SWINGS, JMS, RMI, JNDI, JTA, JPA, JAXP, JAXB, WSDL, XML, SOAP, Restful.
Frameworks	Spring 2.x, Hibernate 3.x, I BATIS, JSF, Struts 2.x and J unit
IDE Tools	Eclipse, My Eclipse, Net Beans, Jbuilder, RAD, Web Sphere studio, SQL Developer, Toad
Web/Application Servers	IBM Web Sphere 4.x/5.x/6.x, BEA Web Logic 7.x/8.x/10.x, Tomcat 7.0,Jetty
Middle ware	Web Sphere MQ (MQ series)
Database	Oracle 8i/9i/10g, DB2, My SQL, ORDBMS, SQL Server 2005/2008
Modeling Design/Tools	UML, Rational Rose, Microsoft Visio 2002
Web Technologies	HTML5, JavaScript,Angular.js, AJAX, DHTML, CSS3, PHP,Node.js
XML Technologies	XSD, XML, XSL, XSLT, XPATH, SAX, DOM, JAXP, JAXB, SOAP, UDDI, WSDL
Version Control Tools	CVS, Mercurial, Clear Case and SVN (Subversion), Perforce, PVCS
Cloud Technologies	AWS(EC2,S3,Cloud Front)
Built Tools	Ant and Maven

PROFESSIONAL EXPERIENCE

Reinsurance Group of America , Chesterfield, MO	**Nov 2014 – Till Date**
Role: Sr. Java/J2EE Developer	

Description: Reinsurance Group of America, Incorporated is a leader in the global life reinsurance industry .This project aims at Risk and Insurance management and deals with life insurance policies new policy applications, Renewal of policies, endorsement of policies, interim and flat cancellations are handled by this application.

Responsibilities:

- Discussions with clients based on the System requirement document to cover the functionality, technical issues and scope of work.
- Have used **Service Locator, Façade, Singleton, and Factory Design patterns** and have developed **UML Diagrams** using **Visio**.
- User interface design using **HTML, JQUERY, JSP, CSS, JavaScript, Angular.js**, **Dependency Injection and Node.js.**
- Developed Controller for request, response paradigm by **Spring Controllers** using **Spring-MVC** and worked on other modules like **IOC AND AOP.**
- Configured the URL mappings and bean classes using **spring app-servlet.xml**.
- Implemented **AJAX** using third party tools as **richfaces**-api-3.1.1 to generated User Friendly Grids and tables.
- Designed and implemented GUI screens for creating, modifying, deleting and viewing **point of sale transactions** using Java, Swing, and AWT components.
- Used **Apache Maven** for project management and building the application.
- Used **PL/SQL and SQL*Loader to create ETL** packages for flat file loading and error capturing into log tables.
- Built and Configured Servers in **AWS Cloud** Environment.
- Set up **Jenkins server** and build jobs to provide continuous automated builds based on polling the **Git.**
- Installed, configured, and administration of **NoSQL** database clusters in **AWS Virtual Private Cloud Network.**
- Migrated the Entire traditional **EC2** Classic environment to **Private network in AWS Cloud**. This included a 3 tier Web Application. Integrated custom Cloud Portal to **AWS APIs** for Automated Network.
- Developed front-end code with **Ajax call** in **AngularJS** and **JQuery** to retrieve data as **JSON Object** from controllers in back-end **RESTful Server**, then display the well-organized result in web pages by writing **AngularJS.**
- Developed the **WSDL/XSD** using top-down approach and **XML Namespaces.** Generated the **stubs** using **JAXB.**
- Involved in the deployment of Web-Service **End-Points** using **CXF.**
- Automated the creation of the Javadoc documentation for the MCCCF application using **Jenkins and Maven.**
- Established the data environment for the cloud application and their migration.
- Developed the web-services & analysis of **SOAP** envelope using **SOAP UI.**
- Implemented the **Message Driven Bean** for Instruction enrichment and pre-processing. MDB is deployed on WebSphere server and dispatches the request to **Stateless Session Bean (EJB).**
- Developed **Message Driven Beans (MDB)** and extensively used the **JMS** API.
- Developed **SOAP based XML web services**.
- Developing automated process for builds and deployments; **Jenkins, Ant, Maven, Sonatype Nexus, Shell Script, Perl, Java.** Setup MQ/IPT on AIX and windows server using support packs.
- Created architecture stack blueprint for data access with **NoSQL** data base **Cassandra.** Installed, configured, and administration of **NoSQL** database clusters in **AWS Virtual Private Cloud Network.**
- Used **SAX XML API to parse the XML** and populate the values for a bean.
- Used Jasper to generate rich content reports. Developed **XML** applications using **XSLT** transformations.
- **SQL development** using Stored Procedures, Views and Queries with Oracle**.**
- Involved in project documentation using **Javadoc** during development phase**.**
- Involved in writing **PL/SQL** stored procedures for **Oracle 10g database**.
- Participated in the code reviews for various initiatives, Performed Static Code Analysis to follow the Best Practices for Performance and Security using **apache Shiro**.

Environment: Java/J2EE 1.7,Servlets, JSP, JSTL, HTML, JQuery, Angular.js, cloud migration, AJAX, XML 1.0, XSD 1.1, SPRING 3.0, Spring MVC, Spring Securities, Spring JPA, MQ Series, Spring JMS, EJB, Restful web Services, SOAP 1.2, WSDL, Hibernate, Tomcat 7.0, WebSphere 6.0, Eclipse Mars 4.5, Maven 3.3, Jenkins, JIRA, AWS(EC2, S3, Cloud Front), Oracle 10g, Junit, Log4j, mockito.

Cox Communications, Atlanta, GA	**Aug 2012- Nov 2014**
Role: Sr. Java/ J2EE Developer	

Description: Cox Communications is an American privately owned subsidiary of Cox Enterprises providing digital cable television, telecommunications and Home Automation service. The project aim to manage the ordering & disconnecting, invoice processing & billing, and reporting of telecom services. Currently the strategy has been implemented to include Telecom Service Center, Telecom Invoicing Management System (TIMS), and Telecom Reports (Web Reporting). Company's Services Telecom Service Center provides order entry, tracking and delivery of telecommunication services.

Responsibilities:

- Designed and developed the product using **Java/J2EE** technologies in **agile** methodology.
- Worked closely with Director, Architect, Business Analyst, Clients, Development and Testing team of the company in developing the application as per client needs.
- Developed the Frontend/Backend application using **Java, JSP**. Developed page handlers for the JSP pages for customization. Built spring based Java and Scala **microservices** to support enterprise web application.
- Used **Session beans** to implement **Session facade**. Worked on **AJAX, DOM and CSS** on frontend for asynchronous client services and component validation part.
- Configured and deployed web application in **JBoss** Application Server using **Maven**.
- Extensively worked on **SPRING** for business and system level services for version2 release project.
- Used **SQL*Loader as an ETL** tool to load data into the staging tables. Install fix packs for **MQ and Message Broker.**
- Setup High Availability for MQ servers. Integrate **microservices** into an existing system architecture.
- Used **DTS Packages as ETL tool** for migrating Data from SQL Server 2000 to Oracle 10g.
- Designing architecture, deployment and migration of the site from the physical environment to the **Amazon Cloud.**
- Designed and implemented a **Cassandra** NoSQL based database and associated **RESTful** web service that persists high-volume user profile data for vertical teams.
- Extensive programming development in **NoSQL** such as **Cassandra** and **Oracle PL/SQL** –packages, stored procedures, functions etc. and management of various database objects (e.g. tables, indexes, views, etc.).
- Set up Jenkins server and build jobs to provide continuous automated builds based on polling the Git source control system during the day and periodic scheduled builds overnight to support development needs using Jenkins, Git, JUnit, Selenium and Maven.
- Used **AngularJS** as the development framework to build a single-page application.
- Involved in the deployment of Web-Service **End-Points** using **CXF.**
- Installed, secured, and configured **AWS cloud servers** with Linux, Tomcat, MySQL, Apache, etc.
- Worked closely with BA for getting the requirement and converting the requirement to technical document using **UML 2.0** and functional documents in **VISIO**.
- Contribute to / create / maintain several **Maven, Jenkins and Nexus plugins.**
- Developed **Message Driven Beans (MDB)** and extensively used the **JMS** API.
- Used **DB2, Oracle10g** as database in order to access customers Warehouse Data from credit bureau, Used Sql Explorer and Toad as IDE. Extensively worked on **PL/SQL** and **DB2 Queries** and checking performance tuning with DBA.
- Involved in **Unit Testing, User Acceptance Testing** and **Bug Fixing**.
- Implemented **Simple Logging Facade for Java or (SLF4J)** for logging and appended to a log file for debugging.
- Used **ANT** for build creation and to push onto other environments.

Environment: Java/J2EE 1.7,Servlets, JSP, JSTL, HTML, JQuery, AJAX, Cloud Migration, XML 1.0, XSD 1.1, SPRING 3.0, STRUTS 2.0, Spring Securities, Spring JPA, Spring JMS, EJB, Restful web Services, SOAP 1.2, WSDL, Hibernate, Tomcat 7.0, JBoss 6.1, Eclipse Indigo 3.7, AngularJS, Maven, Jenkins, JIRA, Oracle 10g, Junit, Log4j, mockito, UML, Clear-Case UCM.

Citibank , New York City, New York	Oct 2011- July 2012
Role: Sr. Java Developer	

Description: The Project involves analysis, design, and development for **Citibank** Enterprise. The Brokerage and Clearing (B&C) system is used for verification and reconciliation of equity and fixed income brokerage and clearing fees and commissions. The system collects trading data from exchanges, brokerages, clearing houses and agent banks.

Responsibilities:

- Designed and developed the product using **Java/J2EE** technologies in **RUP** methodology.
- Involved in Implementation and coding of front-end screens using **Java, JSP**. Developed page handlers for the **JSP** pages for customization. Used both **Struts validation** and **JavaScript** validation depending on requirements.
- Build the security infrastructure for MQ using OAM
- Manage re-architecture **of Jenkins and integration with Confluence** for release management and documentation assets. Re architect a Maven based system reducing build times.
- Implemented validation framework for creation of validation.xml and used validation-rules.xml.

- Developed **batch processing**, involved ETL process in java to transfer batch feeds to the database using CSV, iText, Apache-POI, JAXB and JAXP technologies. Scheduled **Java batch processing**.
- Set up and administer **Amazon servers (AWS, Linux, Apache, MySQL, Python/Django, ElasticSearch, tripwire, fail2ban, ssh, sendmail, sudo, etc.)**
- Used **ANT 1.5** for build creation and to push onto other environments.
- Used **NetBeans** and created customized plug-ins in Plug in Development Environment (PDE).
- Involved in **Unit Testing, User Acceptance Testing and Bug Fixing**.
- Wrote **JUnit** test cases for unit testing and integration testing.
- Tested and deployed the application on Application Server which acts as an Agent in **WebLogic** Application Server.

Environment: Java/J2EE 1.6,Servlets, JSP, JSTL, HTML, JQuery, MQ series, AJAX, XML 1.0, XSD 1.1, SPRING 3.0, STRUTS 2.0, Spring Securities, Spring JPA, Spring JMS, EJB, Restful web Services, SOAP 1.0, WSDL, Hibernate, Tomcat 7.0, JBoss 5.1, Eclipse Galileo, Maven, Jenkins, JIRA, Oracle 10g, Junit, Log4j, mockito, UML, Clear-Case UCM, Toad, iBATIS.

Sabre Airline Solutions, Dallas, TX	June 2009- Sep 2011
Mid Software Development Engineer	

Description: Sabre is the global leader in innovative technology that leads the travel industry. The project involves a Code changes, code fixes Coordination with Testing team, Defect Fixes, Production Deployment and Warranty Support. Developed a application, which maintains the details about the Employee, Supplier, Customer, Lesser, Financier, Contractor and Insurance Agent. All the relational, transactions like Invoice, Sales, Loan, Lease, Insurance policy, issued assets etc. are also maintained in this application.

Responsibilities:
- Involved in the Analysis, Design and Development phase of the project.
- Followed **Agile Methodology** throughout the development of the project.
- Creating custom, general use modules and components which extend the elements and modules of core **AngularJS.**
- Wrote JUnit test cases for unit, integration, and functional tests, run automatically by **Hudson/Jenkins in the builds triggered by each push to Git**
- Written **Perl automation scripts** to change the layout of leaf nodes.
- Migrated corporate Linux servers from physical servers to Amazon AWS virtual servers
- Used **Spring** Core container for **Dependency Injection** and wiring the components.
- Extensively used **Collections**, **Regular Expressions and Page Framework (Amazon specific framework)**, while developing the project.
- Used **JSPs, JavaScript, AJAX, and CSS** for User Interface development and client side validation.

Environment: **Java/J2EE 1.6,Servlets, JSP, JSTL, HTML, JQuery, AJAX, AWS, XML 1.0, Jenkins, AngularJS, XSD 1.1,SPRING3.0,STRUTS2.0,SpringSecurities,SpringJPA,SpringJMS,RestfulwebServices,WSDL,Hibernate, JBoss 5.1, Eclipse, Maven, Oracle 10g, Junit, Log4j, UML, Clear-Case,iBATIS.**

Client: Intex Technologies, New Delhi, India	May 2007–June 2009
Software Engineer	

The project was a Web-enabled application which will serve as the platform for Farmers' future e-Business initiatives with a Brand & Channel flexible framework from which Farmers Captive & Independent Agents, Zurich Small Business (ZSB).

Responsibilities
- Implemented J2EE Design patterns using **MVC** (Model-View-Controller) architecture by developing Presentation tier which includes **JSP's**, **Custom Tag Libraries, HTML and JavaScript,** Web tier includes Controller **Servlets**, Business tier implementing business logic using Business Facades
- Developed Use case models **using Rational Rose** v2002 Modeling tool utilizing Use case Design document as inputs
- Developed business components (Request Handlers, Response Handlers, Data Object Models(DOM),Business Services, Data Access Objects**(DAO)**, View Beans required for the end-to-end flow of the application using IBM's Web Sphere Studio Application Developer v4.0 as IDE for development, **Unit Testing** and deployment

Environment: Java 1.5, J2EE (JSP 1.1, EJB 1.1, JDBC, Servlets2.1) Technologies, XML, Rational Rose 2002, IBM Web Sphere, Oracle 8i, Windows 2000.

Education: Bachelors in computer science Engineering (CSE) from India