**Krishna C Vemula**

**Sr Java J2ee Developer**

**Professional Summary:**

* Over **8+** years of working experience in all phases of software application design and development
* Expertise in design and development of Web Applications involving **Servlet**, **JSP**, **MVC Framework**, **EJB**, **XML**, **JDBC**.
* Experience in **Software** **Development** **Life** **Cycle** (**SDLC**), **Rational** **Unified** **Process** (**RUP**) and **AGILE** **methodologies**, **Enterprise** **Java** **Beans**.
* Extensively worked with **Oracle** **10g**/**9i**/**8i,** **SQL** **Server**, Postgres, MySQL and DB2 relational database management systems.
* Extensive Experience working with **Spring** **Framework**, **Struts** **Framework** and **ORM** **Hibernate** framework.
* Developed **J2EE** applications on IDE’s like **Eclipse**, **WSAD**, and **Rational** **Application** **Developer**.
* Worked with **XML** **APIs** such as **JAXP** that includes **SAX** and **DOM,** **JAXB** and experience in designing the **XSD** schema generation.
* Extensive experience in developing and deploying applications on **WebLogic** **Application** **Server**, **JBoss**, **WebSphere**.
* Hands on experience in writing light weight**Node.js express**server, and using technologies like **Ajax**, **JavaScript/jQuery**, **JSON** to make connections between server and databases like **MongoDB** and **MySQL**.
* Strong Experience in implementing **Service** **Oriented** **Architectures** (**SOA**) using XML based Web Services (**SOAP**/**WSDL**) and **REST** Web Services.
* Experience in building enterprise applications using **ANT** and **Maven**.
* Extensive Development experience in various open source frameworks (**STRUTS**,**Log4j**, **Grails**, **ANT**, **HIBERNATE**, **JPA,** **IBATIS**, **SPRING** & **AJAX**).
* Experience in error logging and debugging using **Log4J**, **JUnit** and **Load** **Runner**.
* Experience in using version control management tools like **SVN** and **Rational** **ClearCase**.
* Implemented **AJAX**/**JQuery**, **DOJO**, **GWT** based Design in creating better, faster, and more interactive web applications.
* Excellent communication and **interpersonal** **skills** and a very good **team** **player** with the ability to work independently.
* Ambitious, highly motivated and ability to face the **challenging** work environment and deliver **quality** **output** while meeting strict timelines.

**TECHNICAL SKILLS**

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| **Languages**  **J2EE Technologies** | Java, SQL, PL/SQL, UML, XML , XSL, XSLT  Servlets , JSP, JDBC, JPA, EJB, Pearl, C++ |
| **Application Servers/Web Servers** | Apache Tomcat , IBM WebSphere , WebLogic , JBoss |
| **IDEs** | Eclipse, Oracle JDeveloper , RAD , RSA , WSAD |
| **Frameworks** | Spring , Struts, Hibernate |
| **Database** | Oracle , MySQL, SQL Server, DB2 |
| **Design Patterns** | Business Delegate, DAO, DTO, MVC, Session Facade, Singleton |
| **Operating Systems** | Linux, Windows 98/2000/XP/NT, UNIX. |
| **Web Technologies** | JavaScript, Java applets CSS, HTML, DHTML, AJAX, SOAP, REST, JQuery, GWT. |
| **Others** | ANT, Clear Case, Clear Quest, JAXB, Maven, JAXP, JUnit, Log4j, Rational Rose, CVS, SVN. |
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**Professional Experience:**

**Atlanticus Holdings, Atlanta, GA April 2015 - Till Date**

**Sr. Java Developer**

**Atlanticus** Holdings is financial holding company with Investments primarily in companies focused and offers a broad array of financial products and services.

**Project Description:**

**FRM** (Fortiva Retail Management System) is an application is interfaced with the overall workflow of services related to Credit card Lending, Auto Lending, Retails Finance, Loan Servicing and Portfolio Acquisitions.

* Involved in Full Cycle of Software Development from Analysis through Design, Development, Integration and testing phases.
* Followed Agile Software Development with Scrum methodology.
* Worked closely with the **Business**/**Users** team in translating technical requirements into application code.
* Involved in UI development by using **HTML 5**,**CSS, BootStrap, Angular-JS** and designed, developed.
* Designed and developed B2B components using **Spring MVC 4.x, Apache Camel, JMS, JAXB, JAX-RS 2.0, Jersey 2.x.**
* Added routing using **ui**-**router** and include **ui**-**Bootstrap** which has **Bootstrap** components written in **AngualrJs**.
* Updated a legacy JSP user interface to a single page web app using **Angular**, **Require**, D3 Graphs and **JQuery** **Datatables.**
* Implemented Angular Services to make communication between different controllers.
* Developed web layer using Spring framework to manage the project in MVC pattern.
* Developed generic web service architecture using Spring Web Services, JAXB, and Hibernate which could transform responses into **SOAP** allowing for rapid development and clean separation of core business logic and communication protocol.
* Produced and Consumed **SOAP** and **RESTful** Web services using **Spring MVC**.
* Experience in implementing Web Services in-order to communicate between different distributed components using with **SOAP** Protocol using Apache Axis.
* Configured **Hibernate** second level cache using **EHCache** to reduce the number of hits to the configuration table data.
* Developed the **Spring AOP** Programming to configure logging for the application
* Worked on **XML** related technologies like **XSLT, XPATH, XMPP.**
* Developed **Marshalling** and **UnMarshalling** for request and Response XML using JAXB.
* Worked on **XML** Technologies like **XML** Parsers, **JAXB** for binding data to java objects..
* Created and configured Java Beans using **spring IOC.**
* Worked in using **WebLogic** Application Server for deploying and testing the code.
* Responsible for building out and improving the reliability and performance of cloud applications and cloud infrastructure deployed on **Amazon Web Services**.
* Provided extensive pre-delivery support using Bug Fixing and Code Reviews.
* Implemented **Log4j** for logging and appended to a log file for debugging.
* Involved in writing persistent.xml and used **JPA** for persistence.
* Implemented **JMS** for notifications and testing with **JUnit**, **Mock** cases.
* Developed interfaces and their implementation classes to communicate with the mid-tier (services) using **JMS**.
* Designed and developed web services using Spring and operate within Mule ESB.
* Integrate disparate systems with **ESB**, web services, messaging technologies.
* Provided application support and resolved issues as per Service level agreements.
* Used **JBoss Fuse** **ESB** to normalize number of protocols to a single protocol and create mediation or route message between Services
* Automation of script to build and deploy using **Hudson** and **Jenkins**.
* Architect, Design, Implement, Maintain production administrative web services with Ruby/Rails using MySQL, SQL Server rdbms
* Enabled SSL security in Web environments for IBM HTTP server & Web Sphere application server.
* Involved in moving source code from Clear case and **SVN** TO **GIT**.

**Environment:** Windows 7, Java 1.6, J2EE, Spring Framework, RESTful Web Services, Jersey 2.x, Apache Camel, XML, Agile Methodology, DROOLS, Mule ESB, Eclipse IDE, Jenkins, JMS, Mongo DB, Camunda, Log4j, Maven, JBOSS, AWS, JSP, SVN, Web Sphere Server

**BI World Wide, Edina, MN June 2014 - Mar 2015**

**Sr. Java Developer**

BI WORLDWIDE is helping clients and their brands to engage with a new generation of socially connected tech savvy, global and multi-cultural audiences.

**Project Description:**

**RMS** (Referral Management System) is an application is interfaced with the overall workflow of the Referral Management services. The application has several sub processes and an automated application for generating billing, Employee Referral information, and Products related information of respective carrier centers and overall monitoring.

* Involved in the Analysis, Design and implementation of the project.
* Followed **Scrum** **Agile** **methodology** for iterative development of the application.
* Involved in system design, enterprise application development using object oriented analysis in Java/J2EE.
* Involved in developing front end screens using **JSP, JSTL, HTML5, JavaScript, AngularJs JQuery, and AJAX.**
* Developed front-end content using **AngularJs** and client-side validations using ng-validations using **AngularJs**.
* Developed the **WSDL** and Web Services in Apache Axis 2.0 for different modules.
* Design and implementation of **SOAP** Web services.
* Developed customized directive and reusable filers in **AngularJs**.
* Worked on implementing directives and scope values using **AngularJS** for an existing webpage.
* Developed **JavaScript** and **JQuery** functions for all Client side Validations.
* Used **Spring** **MVC** Framework to construct the dynamic web pages (Presentation Layer).
* Developed the business layer using **Spring** **beans**.
* Interfaced with Oracle back-end using **Hibernate** framework.
* Used **JMS** to establish message communication.
* Used various industry standard design patterns like **façade**, **factory** and **singleton**.
* Used **JMS** for Message communication.
* Used Firebug for browser side debugging.
* Developed **JUnit** for Unit Testing and Jenkins for CI.
* Worked closely with Business Users to enable business processes using **SFDC**
* Experience with Maven build and deployment process.
* As a part of Quality assurance participated in the Code review process as a part of Quality Engineering Team.
* Application Development using **STS**.
* Used **SVN** version controlling to maintain project versions.
* Used the **Log4j** frame work to log the system execution details to log files.
* Provided full-stack **RoR** design and back-end administration for high-volume web applications.
* Created several Exception classes to catch the error for a bug free environment and orderly logged the whole process, which gives the ability to pinpoint the errors.
* Wrote **JUnit** test cases for unit, integration, and functional tests, run automatically by **Hudson/Jenkins** in the builds triggered by each push to **Git**
* Analyzed web applications, documented detail Test plans, Test cases and expected results based on the business functional requirements.

**Environment:**

JBOSS Server, Java(JDK 1.6), J2EE, Struts 2.0, JPA, Tiles, Spring 3.0, Hibernate, Eclipse, JUnit, JSP, JSON, Oracle 10g, SVN, Maven, SOAPUI .

**Motorola Mobility, Chicago, IL Mar 2012 – May 2014**

**Sr. Java Developer**

Motorola Mobility, owned by Google, fuses innovative technology with human insights to create experiences that simplify, connect and enrich people's lives. Our portfolio includes converged mobile devices such as smart phones and tablets; wireless accessories; end-to-end video and data delivery; and management solutions, including set-tops and data-access devices.

**Project Description:**

B2C ECOMMERCE Globalization – Personality Database is a middleware application that provides services for the generation, loading and replenishment of serial numbers in the Personality Database. This application will allow for the use of an Xcode that will be obtained by a consumer who purchases an XFON to personalize and carrier plan from a carrier or merchant store. The Xcode can be presented in the form of a physical gift card or via a direct integration with the PDB as a code printed on a Motorola approved receipt. After obtaining an Xcode, the consumer will be instructed to proceed to Motorola.com to enter their Xcode to redeem and personalize their phone.

**Responsibilities:**

* Followed agile methodology and involved in daily **SCRUM** meetings, sprint planning, showcases and retrospective.
* Involved in analyzing the requirements and participated in discussions with business analysts.
* Implemented open source **MVC** architecture using **Spring** **MVC**
* Implemented **Spring** **Dependency** **Injection** and Spring Transactions in business layer.
* Interaction with **Oracle** **Database** is implemented using Hibernate and Java to Database Connectivity.
* Scripted Speech application codes and speech recognition grammars.
* Used **Spring** **AOP** module to handle transaction management services for objects in any **Spring**-based application.
* Custom node.js proxy used to simulate API responses before client implementation was complete, and to proxy requests to finished client APIs, handling authentication, custom headers, virtual application root, etc.
* Involved in UI development by using **HTML 5** and **CSS** and designed, developed and validated using **GWT**, **Ext**- **JS**.
* Developed data access components using **Hibernate**, **DAOs**, and Beans for data manipulation.
* Designed and developed database objects like Tables, Views, Stored Procedures, User Functions using **PL/SQL**, **SQL** **Developer** and used them in WEB components.
* Used **J2EE** design patterns like Value Object Pattern, **MVC**, **Singleton** **Pattern** and **DAO**.
* Validated the **Queries** and **Stored** **Procedures**
* Implemented API verification test Suite using Java and **TestNG** , Prepared test case and scripts utilizing **TestNG** annotations.
* Created **SOAP** **web** **services** for populating and saving data from/to database.
* Implemented logging functionality using **Log4j**.
* Worked extensively on **Unix** **shell** **scripting** to create jobs to run on daily basis.
* Used **Apache** **CXF**, **JAX-WS**, **JAX-RS** for designing and developing **REST** and **SOAP** Web services.
* Monitored the error logs using log4j and fixed the problems.
* Used **GIT** repository as Version Control
* Used **Eclipse** **IDE** and deployed the application on **Web** **Logic** server.
* Used **Maven** as build and configuration tool.
* Developed hundreds of features in an agile environment using Ruby on Rails, HTML, CSS and JavaScript.
* Have worked in production support , in 24 X7 environment where and resolved the issues as per the Service level agreements.
* Involved in developing Integration Issues, System Testing Issues, User Acceptance Issues and production Issues including JUnit.
* Involved in testing and fixing the bugs and also reviewed the code.

**Environment:** Java 1.6, J2EE, Java Script, XML, JDBC, Hibernate, Webservices, Spring Framework, Log4j, Web Logic Server, Eclipse, JUnit, ANT, SoapUI, Oracle11g, GIT, SourceCode.

**Capital One, Mettawa, IL Mar 2009- Feb 2012**

**Sr. Java Developer**

Capital One is a diversified bank that offers a broad array of financial products and services for customers, small businesses and commercial clients. A Fortune 500 company, Capital One has one of the most widely recognized brands in America.

**Project description:**

Electronic document management system (EDMS) is middle ware application that provides document related services to the front end system, interlaced with Electronic content management system ( ECM) such as FiletNet, FileNet P8 and OnDemand etc.

**Responsibilities:**

* Implemented the architecture of the modules according to the **J2EE** standards (Presentation-tier, Business-tier and Persistence-tier).
* Part of a design team with extensive usage of **Rational** **Rose** in detail design phase through the detailed use cases with **Sequence**, **Activity**, and **Collaboration** and **Class** **diagrams**.
* Used Agile methodology named **SCRUM** for all the work performed.
* Implemented **business** **layer** using Spring framework
* Extensively Used **Spring** **Inversion** of control and Transaction Management features.
* Implemented the application using **Execution** **Services** **Framework**, which is based on MVC design pattern as a presentation layer.
* Generated the mappings with the databases and **Hibernate** **Framework**.
* Involved in developing UI using **JSF** framework**, JSP, JSTL, JavaScript, Jquery, Ajax, and Angular JS.**
* Developed the **Hibernate** **mapping** files and **Domain** **objects** in persistence layer.
* Implemented design patterns like **Singleton**, **DTO**.
* Extensively worked on **JMS** for asynchronous message exchanging.
* Worked with **Java** **Script** events and functions.
* Implemented **Ajax/JQuery** for Asynchronous Retrieval of data.
* Updated **CSS** layout to reflect the new changes as per the addition of new components.
* Used **SoapUI** for Web service’s testing.
* Used **Log4j** for logging errors
* Performed extensive test driven development-using **JUnit** for unit testing.
* Used **Maven** for build code.
* Bringing up the application again by finding out the root cause by looking at application logs and work with respective teams in the given **SLA** time.
* Developed UI by using HTML5, CSS3, JavaScript, JQuery, XML and Ajax.
* Deployed the application on **WebSphere** **application** **server**.
* Provided 24 X 7 application supports.
* Installed EARs, WARS plug-in to directing requests to application servers for load balance in clustered environment.
* Configured Web sphere resources like JVM heap setting, JDBC providers, JDBC data Sources, Connection Pool Sizes.
* Worked with the **MKS** version control software.

**Environment:** Java, J2EE, DB2, Java Script, XML, Maven, Hibernate, Web Services, Spring Framework, Struts framework, WebSphere Application Server, Eclipse, AJAX/JQuery, JUnit, Maven, MKS, SoapUI.

**North Houston Bank, Houston, Texas May 08 - Feb 09**

**Java Developer**

North Houston Bank is one of the financial institutions that offer services like banking and investment. Loan Application System is an automated application enabling prompt and accurate processing of loan and credit card applications to clients throughout the USA. This project consists of the modules such as Cards, Loan Process and Credit Check.

**Responsibilities:**

* Part of a design team with extensive usage of **Rational** **Rose** in detail design phase through the detailed use cases with **Sequence**, **Activity**, **Collaboration** and **Class** **diagrams**.
* Designed and generated the classes from the Class Diagrams in Rose and Reverse engineer, which generated classes into Web Sphere.
* Followed **agile** **methodology** for development process.
* Used **Concurrent** **Version** **System** (CVS) for the version control of the project.
* Designed and developed the front end using **HTML**, **AJAX**, **JavaScript**, **JSP**, **JSF**.
* Used **Java** **Script** to perform validation on the client side and to handle events on the client side.
* Custom tag library was used to create standard tag.
* Created **XML** schema documents based on the requirements and used **JAXB** for marshalling and unmarshalling of the XML documents.
* Developed **web** **services** using **JAX-WS** utility.
* Designed the Architecture of the project as per **MVC** standards.
* Used **Struts** **MVC** for the developing funds module and mortgage module.
* Used **Spring’s** **IOC**, **AOP** and **autowiring** concepts in developing the application.
* Used **Spring** **Container** to performed dependency injection.
* Developed **SOAP** message envelopes and headers using **WSDL**.
* Deployed the application on **JBOSS** application server.
* Designed and developed the Java bean components and O/R Mapping using **Hibernate**.
* Maintained Connection Pooling for each connection to the Database.
* Used PL**/SQL**, **Stored** Procedures for handling Oracle database.
* **Stateless** **Session** **beans** were used with **Session** **Facade** **Design** pattern for flexibility and re-usability.

**Environment:** Java, J2EE, UML, JSP, Servlets, Struts, Web Sphere, XML, Web Services, JAXB, JAX-WS, PL/SQL, Oracle9i, CSS, CVS, Rational Rose, Hibernate, Spring, HTML, AJAX, Java Script.

**Andhra Bank, Hyderabad, India**

**Java Developer Jan 07 – April 08**

**Description:**

The solution addresses the Core and retail banking. The feature enhancements towards teller operations and Audit compliance were addressed by the Business analyst team and communicated to the technical team. Features included such as PAN number and Form 60 requisition when an account is funded more than 50000 in cash, denomination details of the deposit to ensure feeding of the correct value of deposit.

**Responsibilities:**

* This application is based on **Struts** **framework** Struts architecture is a variation of the classic Model-View-Controller (**MVC**) design paradigm.
* Worked on Scheduling pages and handled Screen validations..
* Developed and implemented applications using **Eclipse**.
* Active participant in team meetings.
* Developed Web forms using **Web** Services and **JSP**
* Designed and implemented components that convert data to valid **XML** that is transformed by **XSL/XSLT** files to HTML.
* Worked on **CSS**, **HTML**, **JSP** and **GUI**.
* Involved in **Unit** **Testing** and other **testing** **process**.
* Used a different layer called Exception Layer to handle Exceptions.
* Create documentation as required.

**Environment:** J2EE, CSS, EJB, JMS, Servlets, JSP, JDBC, HTML, Eclipse, Tomcat, Oracle