**Krishna KovidMedasani**

Sr.Java Developer

**PROFESSIONAL SUMMARY:**

* **8 years** of comprehensive experience in Design, Development, support and enhancement of multi-tier applications using **Java, J2EE, JPA, JMS, JDBC, EJB, Spring, Hibernate, MyBatis, SOAP, REST, HTML5, JSP, JavaScript, jQuery, AngularJS, CSS, Tag Libs, AJAX, JSON, and JUnit, Maven, Ant, Oracle, log4j.**
* Worked on different **Spring** modules including **Spring IOC, Spring ORM** and **Spring AOP, Spring JDBC, Hibernate.**
* Experience in web application design using open source frameworks like **Spring MVC, JSF and Struts** Framework**.**
* Extensive experience in using **MVC (**Model View Controller**)** architecture for developing applications using **JSP,** JavaBeansand **Servlets.**
* Experience using Hibernate for mapping Java classes with database and using Criteria **API** and **Hibernate** querylanguage **(**HQL**).**
* Experienced in developing **Service Oriented Architecture** using **Web Services, Axis 2.0, CFX / JAXB 2.0 and JMS.**
* Extensive experience in **XML** related technologies such as **XML**, **DTD**, **XSD, XPATH, XSLT, DOM, SAX, JAXP, JSON** and **JAXB.**
* Extensive knowledge of **XML**-based standards and protocols (such as **WSDL** and **SOAP**), **Service Oriented Architecture (SOA),** development of **XSD** schemas and implementing both **SOAP** and **REST web services**.
* Strong experience in using Design patterns such as **Business Delegate, Data Transfer Object, DAO, Session Façade, Factory Methods, Service Locator and MVC.**
* Have hands-on experience in the usage and deployment of applications in JBoss, Web Logic, WebSphere portal Server and Apache Tomcat Server.
* Extensive experience in different IDEs like **Eclipse,NetBeans and IntelliJ.**
* Experienced with Java **Multithreaded** programmingto develop multithreaded modules and applications.
* Experience in development methodologies like **Waterfall** and **Agile**.
* Proficient in using **RDBMS** concepts with **Oracle** and **MySQL**.
* Used **No SQL** database **MongoDB** for a proof of Concept.
* Proficiency in using RDBMS concepts and worked with Oracle 8i/9i/10g/11g, SQL server and good experience in writing Stored procedures, Functions and Triggers using SQL and PL/SQL.
* Expertise in configuring, using & administrating version control systems like GIT, Clear Case, Subversion and CVS.
* Experienced in developing **UML diagrams** like use cases, class diagrams, activity diagram and sequence diagrams using **Rational Rose** and **MS Visio tool**.
* Experience in using Open Source frameworks like **JUnit, Log4J, ANT, MAVEN and Gradle.**
* Good communication and analytical skills and a demonstrated ability to handle multiple tasks as well as work independently or in a team.
* Highly proficient in **understanding** new technologies accomplishing projects goals successfully.
* Good work ethics and willingness to work hard to achieve employer objectives.
* 4 years of **Equities** experience concentrated on S**tocks and Preferred stocks.**
* Fixed Instruments such as **Bonds** and involved in team implementation **bond trading API.**

**EDUCATION**

**Bachelor of Technology**: PSGcollege of technology,Coimbatore, India.

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| Programming Languages | C, DataStructures&Algorithms,JAVA,SQL, PL/SQL,Python. |
| Platforms | Windows 2003, 2008,XP,10, Server, Linux, Unix |
| Java Core | Memory Management, Thread Classes, Exception Handling and Collection APIs |
| UML Tools | Altova UML Spy 2010,2009, MS Visio 2003,2007, Rational Rose Enterprise |
| IDE & Reporting Tools | Eclipse, NetBeans, JDeveloper, Android Studio, Codeblocks, IntelliJ. |
| J2EE MVC Frameworks | Spring 2.5, 3.0, 4.0. |
| Databases | SQL Server 2005, 2008, Oracle 9i, Oracle 10g, Oracle 11g, MySQL 4.1, 5.0, DB2,NoSQL,Cassandra. |
| Database Tools | Toad for MySQL, SQL Developer for Oracle, Connect/J for MySQL, DB2Connect. |
| Application Servers | IBM Web Sphere, Web Logic, JBoss5.5, Apache Tomcat and Glassfish3.0 |
| Web Technologies | HTML, DHTML, CSS, Java Script, XML, SOAP, XSL, XSLT, XHTML,DOM. |
| ORM Frameworks | Hibernate 3.0,4.0, JPA |
| JavaScript Frameworks | jQuery, AngularJS. |
| Batch Scripting | ANT, Maven |
| Middleware Technologies | EJB 2.1, 3.0, JNDI, JMS, MDB, LDAP. |
| Java Design Patterns | MVC, Business Delegate, D.A.O, DTO, Composite View, Singleton, Front Controller Factory, Abstract Factory, Service Locator, Observer, Iterator, *Session Façade*, *Decorator****,*** *Adapter and Strategy* |
| Web Services | JAX-RPC, JAX-WS, JAX-RS, SOAP UI, CXF, REST. |
| Design Methodologies | Rational Unified Process, Agile, Scrum, Test Driven Development, Rapid Application Development |
| Testing | JUnit 4.1, J-Mock, Easy Mock, Spring Test. |
| Logging Tools | Log4j, slf4j |

**PROFESSIONAL EXPERIENCE**

**Northwestern Mutual, Charlotte, NC NOV 2015 – Till Date**

**Role: Sr. Java Developer**

**Description:**The **Northwestern Mutual Life Insurance Company** is an American Insurance service based in [Milwaukee](https://en.wikipedia.org/wiki/Milwaukee). The financial security company provides consultation on wealth and asset income protection, education planning, retirement, investment advisory services, trust and private client services and business planning. The company’s products include [life](https://en.wikipedia.org/wiki/Life), disability income, and [long-term care insurance](https://en.wikipedia.org/wiki/Long-term_care_insurance);[annuities](https://en.wikipedia.org/wiki/Annuity_(US_financial_products));[investments](https://en.wikipedia.org/wiki/Investments); and investment advisory products and services.

**Responsibilities**:

* Designs, develops, and tests new and/or modifies existing web based applications in languages such **as Java, J2EE**.
* Developed **a UDP(**User-defined Product**)** Framework with team members.
* **APIs** were implemented according to their own need using techniques like Web services**, Messaging and REST.**
* DAO layers using **Spring**and **Hibernate**.
* Developed using **Angular JS 1.**and**CSS3**.
* Used impact analysis.
* Handled **migration of applications** from mainframe languages to web based languages to meet business and technical requirements.
* Provided system software support for **web applications** and components.
* Prepare documentation for deployment purposes and respond to any implementation issues as needed **to ensure quality deliverable** has been met
* Experience defining and structuring RESTful APIs for **notification based services**.
* Creates and maintains **JUnit tests** and performs full regression testing and **Jenkins.**
* Developed using Agile and TDD.
* Knowledge of insurance and **insurance products**.

**Environment**:Java/ J2EE, Spring MVC,Rest,J2EE,Junit,Jenkins,AngularJS,CSS,Hibernate, TDD, Agile, REST, Junit.

**eHealthINC,Mountain view, CAJUL 2014 – NOV 2015**

**Role: Java Developer**

**Description:**  
eHealth was founded in 1997, and its technology was responsible for the nation's first Internet-based sale of a health insurance policy. eHealthInc.,bills itself as America's first and largest private online marketplace for health insurance. The company is headquartered in Mountain view, California.

**Responsibilities:**

* Developed web pages using **Spring, JSP, Servlets, HTML5 and JavaScript.**
* Designed and implemented the strategic modules like **Underwriting, Requirements,** Create Case, Configuration of Business Rules, Business Processes and Responses with **Meta data driven.**
* The application is based on **JSP, Javascript, Hibernate 3.0,** Service Oriented Architecture System Analysis and Designmethodology as well as Object Oriented Design and Development using **OOAD methodology** to capture and model business requirements**.**
* Involved in Installation and Configuration of **Tomcat, Spring Source Tool Suit, Eclipse, unit testing.**
* Involved in Migrating existing distributed **JSP framework to SPRING Framework.**
* Developed **Ajax** frameworkon service layer for 2 modules as benchmark
* Implemented **Service and DAO layers** in between **Spring and Hibernate.**
* Architecture an enterprise service bus using Mule**, Hibernate, and Spring**to tie back-end business logic/systems with web properties via a corresponding**RESTful API.**
* Used **XSLT** for transforming **XML** documents.
* Designed Graphical User Interface (GUI) applications using **HTML5, JSP, JavaScript (JQuery), CSS,** and **AJAX.**
* Applied **MVC** patternof Ajax framework which involves creating Controllers for implementing Classes.
* Refactored, re-architected, and enhanced an existing **AngularJS application** to follow strict **MVC** patternsfor improved source code maintenance.
* Designed and developed the UI using **Spring**view component**, JSP, HTML5, CSS, AngularJS and JavaScript.**
* Implemented business process, database retrievals, access of information and User Interface using **Java**andPlanet Interact Framework**.**
* Implemented the Application using many of the Design Patterns **and Object Oriented Process** in the view of future requirements ofInsurancedomain**.**
* Used **Log4j for logging the application.**
* Used JAXB for converting Java Object into a **XML file** and for converting XML content into a**Java Object.**
* **Agile methodology** is used for development of the application.
* Developed the presentation layer with **Spring MVC** using **JSP** andJavascript**.**
* **Deployed the Application in Jboss Serve**r present in Linux environment.
* Deployed project components onto IBM**WebSphere 6.**

**Environment**: Java, SPRING, J2SE 1.4.2, JSP, Servlets, JDBC, Jboss,JavaScript, JMS, HTML, AngularJS, CSS,J2EE Design Patterns, Web Services, XML, SOAP, MS-SQL Server, Web Sphere 6, BEA Web logic 8.1, Sub Version.

**F.N.B Corporation, Pittsburgh, PAMAR 2013-JUN2014**

**Role: Java Developer**

**Description**:F.N.B is a highly diversified and growing financial services organization spanning the retail, business and corporate markets which is in the consumer finance.Credit Card Tracking System was developed to allow individual or corporation to track the credit card transactions online.

**Responsibilities**:

* Have worked in **Agile** methodology environment including Acceptance Test Driven Design (TDD) and Continuous Integration/Delivery.
* Involved in gathering system requirements for the application and worked with the business team to review the requirements, and went through the Software Requirement Specification document and Architecture document.
* Involved in designing **UML Use case diagrams**, **Class diagrams**, and **Sequence diagrams** using Rational Rose and MS Visio.
* Used **Java Swings** to develop wizards for internationalization purpose.
* Created **Functional specification documents** (FSD) and **JSON** contracts.
* Used **JMS**-MQ Bridge to send messages securely, reliably and asynchronously to Web Sphere MQ, which connects to the legacy systems.
* Developed the application using **Spring Framework** that uses Model View Controller (MVC) architecture with JSP as the view.
* Involved in injecting dependencies into code using **spring core module**.
* Developed presentation layer using **JSP, HTML** and **CSS**.
* Used collections extensively to store, retrieve and manipulate objects in the business logic layer.
* Extensively worked with **XML schema(XSD)**, **XSL/XSLT**, **XML** to navigate in XML documents, and **SAX** to process and parse Xml files
* Developed **JSP** customtags for front end.
* Written **Java script** code for Input Validation.
* Extensively used **Spring IOC** for Dependency Injection.
* Developed J2EE components on **Eclipse IDE**.
* Used **RESTful** web services with JSON.
* Used **Apache** CXF open source tool to generate java stubs form WSDL.
* Used Oracle10g database for tables creation and involved in writing NoSQL queries using Joins and **Stored Procedures**.
* Used **Hibernate** for Object-Relational Mapping and for database operations in Oracle database.
* Worked on MongoDB for storing security related information.
* Developed **Action classes** and **DAO** classes to access the database.
* Developed several **POJO** class to map table data into Java Object.
* Used tortoise **SVN** tool to keep track of all work and all changes in source code.
* Developed **MAVEN** script to build .war and. ear files for the application.
* Used **JUnit** for testing the application.
* Used **Apache Tomcat** to service **WSDL** requests.
* Deployed the applications on **Web Sphere** Application Server.

**Environment:** Java 6 - JDK 1.6, J2EE, Spring 3.1 framework, Spring Model View Controller (MVC), Java Server Pages (JSP) 2.0, Servlets 3.0, JDBC4.0, AJAX, Web services, JSON, Java Beans, JavaScript, Oracle 10g, IBM RAD, Web sphere 7.0, Agile Methodology, TDD, Design Patterns, Rational Rose, SVN, Putty, MAVEN, JUnit, HTML Unit, XSLT, HTML/DHTML, CSS.

**Farmers and Merchant bank, Eastover, SC DEC 2011 - FEB 2013**

**Role**: **JavaDeveloper**  
**Description**:

Farmers and Merchants bank has provided high quality community to understand the needs of individuals, families and organizations. It provides products like loans, savings,investments,mortgages. It helps to meet the community needs in many ways, including providing cash grants and sponsorship of non-profit organizations through its solutions. We assist them with efficient, cost-effective solutions to the challenge of managing electronically.

**Responsibilities**:

* Involved in the analysis & design of the application using **UML** with **Rational Rose**
* Object Oriented Analysis and Design using **UML** include development of class diagrams, Sequence diagrams, and State diagrams and implemented these diagrams in MicrosoftVisio.
* Responsible for creating web service using **WSDL** for request initiator, which acts as a hub within the bank, which is the centralized collection and status point for all service requests.
* Developed the controller servlet to handle the requests and responses.
* Designed and developed **JSP** pages using **Spring**framework.
* Involved in writing client side validations using JavaScript.
* Involved in the design of the Referential Data Service module to interface with various databases using **JDBC**.
* Used **Hibernate** framework to persist the employee work hours to the database.
* Spring framework’s dependency injection and **AOP** features were extensively used.
* Involved in designing test plans, test cases and overall Unit testing of the system.
* Prepared documentation and participated in preparing user’s manual for the application.

**Environment:**JSP 2.1, Spring, Hibernate, JDBC 3.0, IBM WebSphere, Oracle, Java Web Services, XML, XSLT, UML, Rational Rose, Eclipse 3.3, JUnit, CVS, Windows XP, Microsoft Visio, java 1.6.

**Lexcloud Software Pvt Ltd, India Nov 2008 - Aug 2011**

**Role: Java Developer**  
**Description:**

GRT is a reporting tool using which the user may configure application level reports based on report categories. The application meets the business requirement of configuring the report by selecting the required tables and specifying the relationship between them. The application provides an interface through which the user can design the report by selecting the required fields through a simple drag and drop methodology.

**Responsibilities**:

* Involved in development, coding and unit testing server pages using JSP and Action Classes in Spring Framework.
* Customized views in **JSP with HTML, Java Script and CSS.**
* Extensively used **JavaScript** to handle client-side validations and used **Spring validator** framework for server-side form validations.
* Participated in Technical meetings.
* Developed Templates for page layout and navigation using Tiles.
* Used Various **J2EE patterns** like Data Access Object (DAO), MVC and Singleton, Session Façade to ensure robust, flexible, configurable and extensible application
* Used **Spring 2.5 Framework** for Dependency injection and integrated with **Hibernate**.
* Developed RESTFUL web services using JAX-RS.
* Designed and developed Unit testing using **JUnit** framework
* Developed **Ant** scripts to build and deploy the applications
* Participated in estimating the hours for the project.
* Involved in Integration of Modules.
* Developed unit test cases and executed by conducting the peer reviews.

**Environment:**J2EE, JSP, Servlets, Java Beans, Spring 2.5, HTML, DHTML, CSS, REST, JAX-RS, WebSphere Application Server, Tomcat, Oracle 9i.