**Dhana KoteswarKosuri**

**Full Stack Developer**

**PROFESSIONAL SUMMARY**

* Over 7+ years of experience in Systems **Analysis**, **Design, Development** and **Implementation** of **Web**, **Client/Server** and **Enterprise Application development** using **J2EE Framework**.
* Hands on experience in **Architecture, Designing, Development** and **Deployment of High-Performance, Scalable, Distributed Applications.**
* Participated in entire **Software Development Life Cycle** (SDLC) including RequirementAnalysis, Design, Development, Testing, Implementation, Documentation and Support of software applications.
* Designed and modeled projects using techniques in UML - Use Cases, Class Diagrams etc.
* Solid understanding of OOA and OOD knowledge and design.
* Extensively experienced in using various **design patterns** such as **MVC (Model-View-Controller), Singleton, Factory Pattern, Abstract Factory Pattern, DTO**and**DAO Pattern.**
* Good work experience of Web/Application Servers like**Apache Tomcat, Web Sphere** servers**.**
* Experienced in developing single page applications using **AngularJS** framework.
* Experienced in creative and effective **front-end development** using **JSP**, **JavaScript**, **HTML5, JQueryandCSS3**.
* Experienced in developing event driven applications using **AJAX, JSON** and **XML.**
* Experienced in **JPA** andworked with **Hibernate.**
* Experience in implementing the persistent layer using**Hibernate** for object relational mapping with database.
* Configured xml files for mapping and hooking it with frameworks like Spring, Struts, Hibernate and other technologies.
* Experience in **RDBMS** using **Oracle** and comfortable using databases**MySQL, SQL Server, DB2**and **MS Access.**
* Worked on **Struts** utilizing Apache Tiles, Struts Controllers (Actions and Forms) and validations.
* Experienced in developing MVC based Web applications using **Spring MVC**.
* Worked with different Spring Modules**Spring Core, Spring DAO, Spring ORM, Spring AOP, Spring security** and **Spring Web MVC.**
* Implemented Internalization (**I18N**) of web applications using **Spring.**
* Developed Web Services in **Spring Web Service** and **Java (JAX) WS**.
* Strong knowledge and experience in using Web Services Technologies like **SOAP,RESTful,JAX-WS, XML** and **WSDL.**
* Strong experience in UNIX & Linux Shell scripting Bash, Perl scripting.
* Strong experience in database design**,** writingcomplex **SQL** Queries and **Stored Procedures**.
* Worked on test driven software development where **JUnit** testing was employed.
* Used **Maven’s** different plug-ins from basic like clean, deploy, install etc. to customized for different purposes like **JAXB**. Used Repositories and dependencies.
* Expertise in developing applications using **Swings/AWT, Multi-threading, Java Collections,Struts, Servlets, JSP, JSTL,JDBC, SOAP, POJO, Hibernate,ANT, JUnit,** and **Maven.**
* Experience working with **Agile Methodologies** including SCRUM and Test-Driven Development.
* Good understanding of Business workflow, Business logic and Business methods for further implementation of user requirement in a distributed application environment.
* Capable of customer support and user training.
* Quick at grasping new technologies and keeping pacewith new evolving technologies.
* Good team player and excellent leadership qualities. Hardworking, Professional with good interpersonal skills**.**

**Technical Skills:**

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| **Operating Systems:** | MAC OS X, Windows 7, Windows XP, Windows Server 2003, Linux, Unix. |
| **Languages:** | Java, SQL, HQL, PL/SQL. |
| **J2EE Technologies** | Java Beans, Servlets, JSP, JMS,Custom Tag Libraries, JDBC,JPA,Collections, RMI,Multi-Threading. |
| **Frameworks:** | Struts2.0, Spring 3.x/4.x, Hibernate, Spring MVC,Spring-DAO,Spring Boot,Spring IOC,Spring Integration,Spring AOP, JSF. |
| **Design Patterns** | Singleton Pattern,MVC Pattern, Factory Pattern, Abstract Factory Pattern, DTO Pattern DAO Pattern. |
| **Databases:** | IBM DB2 8.x, Oracle 11i/10g, SQL Server, MySQL, MS Access. |
| **Web Technologies** | HTML5/HTML, DHTML, AJAX, XML, CSS3/CSS, JavaScript, AngularJS. |
| **XML andJSON Technologies:** | XML, XPath, XLink, XSLT, SAX, DOM, DTD,JAXB, JSON. |
| **IDE:** | NetBeans,My Eclipse and Eclipse. |
| **Tools:** | Maven, Subversion and Git. |
| **Web Services:** | Spring Web Service, CXF, AXIS 1,AXIS 2, XSD, WSDL, SOAP,RESTful. |
| **Web/App Server:** | IBM -WebSphere, Apache Tomcat, WebLogic. |
| **Other API’S** | JUnit,Collections, AWT,Swings,JDBC,JAXB,C3p0 Connection Pool,  JProfile. |

**PROFESSIONAL EXPERIENCE:**

**Client: Walmart, Bentonville, AR**

**Role: Full Stack Developer**

**May 2015 - Present**

**Responsibilities:**

* Followed **Agile** Methodology for the software development process, part of the cross-functional team for the application development.
* Have written JavaScript, HTML, JSP pages for developing front end UI.
* Utilized AngularJS framework to bind HTML template(views) to JavaScript object(models).
* Built AngularJS framework including MVC architectures, different modules, specific controllers, templates, custom directives and custom filters.
* Involved in Angular.js MVC architecture implementation and client side validations.
* Used **$http** and **$resource** service for retrieving data from the server in Angular.js framework and $location service for URL browser manipulation.
* Developed unit test cases using **Jasmine** to test Angular controllers and services and developed custom validations using Angular.js.
* Used **JSON** for Data Interchange between Angular JS and Spring MVC.
* Designed and developed various modules of the application with J2EE design architecture and frameworks like **Spring MVC** architecture and Spring Bean Factory using IOC, AOP concepts.
* Developed **DTO** classes and establishment of relationships between them and mapping them to the tables in database using **Hibernate** framework.
* Involved in consuming**RESTful** Web services for Address verification and validation.
* Wrote **JUnit** test cases to test the server side Modules.
* Used **Maven** build scripts to build the application.
* Used the **JIRA** to update the bug status before and after fixing bugs

**Environment**: Java/J2EE, Spring3.2.5, Hibernate, JSP, CSS, HTML5, JavaScript, AngularJS, JUnit, DTO, Maven, RESTful, Web Logic, UNIX, SQL Server, Git,Eclipse, Agile.

**Client: Jefferson Bank, San Antonio, TX**

**Role: Java/J2EE Developer**

**March2014 – April 2015**

**Description**: Jefferson Bank provides funds or loans to people with small business requirements. Applicants get their loans sanctioned based on their credit history. The applicant information is maintained in a database along with the details of the loan for repayment. This data is filtered into different categories based on parameters like type of account, loan amount, due date. The filtered data is used for statistics for generating reports.

**Responsibilities:**

* Followed Agile Scrum throughout the lifecycle of the project using JIRA project management tool.
* Developed the UI using **HTML**, **CSS**, **JSP** and **JavaScript** for interactive cross browser functionality and complex user interface.
* Developed the application using **Spring (MVC)** Framework that helps in separating the business logic, presentation logic and navigation logic.
* Implemented transaction management using**Spring declarative transaction management** with Spring AOP concepts.
* Responsible for creating controller classes to handle the user requests.
* Developed POJO objects and used **Hibernate** as the Object-Relational Mapping (ORM) tool to access the persistent data from **SQL Server**.
* Consumed **SOAP** based Web services provided by different vendor to use for Address verification and for retrieving credit information.
* Used **Git** as a code repository.
* Involved in Developing and performing **Unit Testing** using **JUnit**.
* Built project using **Apache Maven** build scripts.
* Deployed the applications on WebSphere Application Server.
* Involved in developing the core base **Classes** and designed the **packaging** needed for the project.

**Environment**: Java/J2EE,Spring IOC,Spring-DAO,Hibernate,Spring AOP,JSP,Java Beans,CSS,HTML5, JavaScript, JUnit, Maven,SOAP Web Services, WebSphere, SQL Server, Git, Eclipse.

**Client: Quest Diagnostics, NJ**

**Role: Java/J2EE Developer**

**January 2013 – March2014**

**Description**: This project provides Patient Administration, Billing Management functions for the hospital. The major functions of Administration module are Allocating Registration, Recording Personal Details, assigning Insurance Details, Retrieving Patient history records from other hospitals. The Billing module allows Billing and receivables, looks into multiple modes of Payment and Rates Definition for Services.

**Responsibilities:**

* Designed the application using the core J2EE design patterns **Singleton**, **Factory** and **DAO pattern**.
* Documented the design documents using **Class Diagrams** and **Sequence Diagrams** using the Rational Application Developer.
* Developed the interactive web page using **Spring MVC, Hibernate, Ajax, XML and Object Oriented Programming.**
* Used**Spring Inversion of Control** (IOC) for injecting the beans and provided loosely coupling between the classes.
* Designed and implemented patient registration forms using **JSP** and validated them using **JavaScript**inclient side**.**
* Mapped (one-to-many, one-to-one, many-to-one relations) **DTO**s to Oracle Database tables and Java data types to SQL data types by creating**Hibernate**mapping XML files
* Developed various Database interaction objects by implementing the DAO Patterns.
* Consumed **RESTful** web services from other applications for retrieving the patient’s insurance details.
* **Tomcat Server** was used as the server for deploying the application.
* Used **Eclipse IDE** to developing and debugging the application.
* Involved in Unit Testing using **JUnit** test cases.
* Used **Apache Maven** Script for building and deploying the application.
* Used **Git** as a source control for code changes.
* Project was developed and implemented in **Agile** development Environment.

**Environment:** Java, J2EE, XML, JavaScript, HTML5, AJAX, JSTL, Object Oriented Programming, DAO pattern, DTO pattern, SQL, Servlets, Spring MVC, Spring IOC, Hibernate, Git, JUnit, Ant, Oracle, Eclipse, Tomcat Server.

**Client: MetLife, Somerset, NJ**

**Role: Java/J2EE Developer**

**October 2011 – December2012**

**MetLife, Inc.** is the holding corporation for the Metropolitan Life Insurance Company or MetLife for short. MetLife is among the largest global providers of insurance, annuities, and employee benefit programs, with 90 million customers in over 60 countries.

**Responsibilities:**

* Designed and implemented the application using **Spring MVC** Architecture.
* Developed screens using **HTML**, **JSP** and **Tag Libraries.**
* Extensively used **Agile Methodologies**entire project lifecycle.
* Used **java beans** for deploying business logic.
* Developed and designed database schemas in **MySQL Server**.
* Used **Java Scripts and JQuery** for client side validations and Struts Validator Form for server side validations.
* Integrated **Spring MVC** application with **Hibernate** to populate data from database.
* Involved in implementing complex **HQL** Queries.
* Created **Test cases**, **JUnit test cases** and tested the application thoroughly
* Used **JAXBAPI** to bind **XMLSchema** to java classes.
* Used **SOAP**, **WSDL** to create Web Services for claim process system to consume and transmit claims data into this application, and SOAP UI for testing purpose.
* Configured and developed java components using **Eclipse IDE**
* Deployed application code to **Web Sphere Application Server**
* Performed **Unit testing** and **Integration testing.**
* Used **Maven** as scripting language.
* Extensively used **Subversion** for version control.

**Environment:** Java, J2EE, Java Beans, JSP, Servlets, Spring MVC, HTML 5, JavaScript, Hibernate, Web Sphere, Web Services, XML, JUnit, SQL, Maven, HQL, MySQL Server and Eclipse.

**Client:Cablevision, Bethpage, NY**

**Role: Java/J2EE Developer**

**June 2009 – September 2011**

**Description:** Cablevision is a leading provider of high speed internet, data and video that exceeds customer’s expectation for quality, value and reliability. Cablevision Networking is the one of the most strategic solutions available to business today.

**Responsibilities:**

* Developed **JSP** pages for user registration and scheduling appointments.
* Extensively involved in developing front-end dashboard components using **JSP's, HTML, CSS andJavaScript.**
* Worked in the **Agile Environment** with daily stand-ups and work within the specific time.
* Used **Struts Framework"Model View Controller (MVC)"** architecture for an efficient implementation of the view level customizations and interface with the application logic.
* Worked on **multithreading** while synchronization is applied.
* Used Collections like **Array List** while pulling data from database to store the data objects in the list.
* Used **Hibernate** extensively to persist the data into the **Oracle** database.
* Involved in the developing **SOAP** based Web Services.
* Performed **Unit testing** using **JUnit.**
* Developed **design Patterns** for the objects to access within the application.
* Worked with **Eclipse IDE** to develop and deploy complete applicationon **Web Logic** Application Server.
* Used **Maven** for developing build scripts and deploying the application
* Utilized **Subversion** for software configuration management and **version control**

**Environment:** Java, J2EE, Servlets, JSP, Struts 2.0, Oracle, Multithreading, Web Logic, Eclipse IDE, Ajax, HTML 5, Maven, Design Patterns,Subversion, SOAP Web Services, Hibernate.

**Education:**

**Master of Computer Science**

**University of Central Missouri** - Warrensburg, MO.

**Bachelor of Technology in Electrical and Electronics Engineering**

**JNT University** - Kakinada, Andhra Pradesh.