**Mahathi G**

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**SUMMARY**

* **6+ years** of experience in analysis, design, implementation and testing of distributed application architectures in the Client/Server environment using **Core Java, Java/J2EE, Hibernate** and **Spring** applications.
* Knowledge in distributed, secure and scalable application development using J2EE Technologies like **Servlets, JSP, Spring Framework, Spring DAO Framework, Spring MVC Framework, Web Services development and Hibernate and Struts**.
* Hands on experience in creating effective User Interfaces using various technologies like **HTML,JSP, CSS, JavaScript, Angular2,Node JSand JQuery**.
* Experience in design and implementation of client/server and web applications using **J2EE (Servlets, JSP, JNDI, JMS, JDBC) and XML technologies (DTD, XML Schema, XML, XSL and XSLT).**
* Solid database connectivity skills which includes **Oracle, DB2 and MYSQL** and programming with **SQL, PL/SQL, andStored Procedures, Triggers and Sequences, Functions and Cursors and Packages** besides writing **DDL**, **Transactional and DML** queries with SQL developer development tool.
* Extensive experience in developing web Applications using **Struts framework** implementing **Action Classes,Action Forms, DynaActionForms, Struts Validation Framework, Struts Tiles and Struts Tag Libraries.**
* Good Knowledge and hands on experience on Design Patterns like **Singleton Pattern**, **DAO patterns**, **MVC Pattern**, **Data source pattern** and **Factory pattern**.
* Hands on experience in implementing **IOC and Dependency Injection** features in various aspects of Spring Framework (Core, Web, JDBC, MVC and DAO)
* Knowledge on GxP Validated Systems in pharma industries.
* Designed and developed various integration components using **JMS**.
* Skilful in using different **Java** IDE’s like **Eclipse, Net Beans, Rational Application Developer (RAD), Visual Studio and** Spring Specific IDE**Spring Tool Suite**.
* Strong experience in configuration management using **IBM Clear Case, Microsoft Visual Source Safe andTortoise SVN.**
* Experience with various Software Development Methodologies like Object Oriented Analysis and Design (OOAD), **Waterfall** Model, **Agile** Software Development and **Scrum** Methodology.
* Experienced in using various deploying applications on Application servers like **JBoss, Tomcat, BEA WebLogic and IBM WebSphere**
* Strong experience on physical and logical data modelling, Performance Tuning, Debugging, Testing on various platforms. (Unit Testing – **JUNIT** framework)
* Used **Log4j** for application logging and notification tracing mechanisms.
* Hands on experience in using **Hibernate** and **JPA** for Object Mapping with databases.
* Strong experience in creating, configuring application build and deployment scripts using **Maven**, **Apache Ant.**
* Good knowledge on **JSON, Bootstrap**
* **Excellent** Written and Oral communication, Presentation, Analytical & Problem solving skills, Conflict resolution & Negotiation techniques.

**EDUCATION**

* Bachelors in Computer Engineering.

**TECHNICAL SKILLS**

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| **Programming Languages:** | Core JAVA, J2EE, C, C++, SQL, PL/SQL |
| **Web Technologies:** | HTML, HTML5, CSS, CSS3, XHTML, DHTML, CSS, JavaScript, JQuery, EJB, JSON, JSP, Servlets, Angular JS, Angular 2,Node JS,AJAX, Bootstrap |
| **XML Technologies** | DTD, XML Schema, XML, XSL and XSLT |
| **Frameworks:** | Struts, Spring (Dependency Injection, Spring MVC, Factory Pattern, Core, Spring Context, Spring DAO, Spring IOC, Spring JDBC, Spring with Hibernate), Hibernate, Log4j. |
| **Web Services:** | SOAP, RESTful Services |
| **Messaging Technologies:** | JMS |
| **Databases:** | Oracle, My SQL, MS SQL Server, DB2. |
| **Applications / Web Servers:** | IBM WebSphere, Apache Tomcat, Oracle WebLogic |
| **Methodology/Design Pattern:** | OOAD, UML, DAO, Singleton Pattern, Front Controller, Factory Pattern. |
| **IDEs:** | Eclipse, Spring Tool Suite, NetBeans, IBM RAD. |
| **Operating Systems:** | Windows 98/2000/NT/XP, LINUX, UNIX. |
| **Other Tools:** | JUnit, Log4J, SVN, Ant, Maven |

**PROFESSIONAL EXPERIENCE**

**Department of Veterans Affairs, Austin, TX Sep 2015 – Till Date**

**Java Developer**

**Responsibilities:**

* Developed Web Services for fetching the data to front end using Spring MVC, Restful.
* Spring MVC Framework IOC (Inversion of Control) design pattern is used to have relationships between application components. It is also used to separate the application configuration and dependency specification from the actual application code.
* Used Spring Framework AOP Module to implement logging in the application to know the application status. Used Spring DAO Module along with Struts Framework to deal with Oracle Database.
* Extensively used MVC, Factory, Delegate and Singleton design patterns.
* Developed, and debugged the servlets and EJB with WebSphere Application server.
* Developed the middle tier using EJBs, Java Servlets.
* Developed session, entity beans and message driven beans.
* Designed and developed the UI using JSP, HTML5, CSS3 andJavaScript, Angular 2, AJAX, JSON.
* Database development required creation of new tables, PL/SQL stored procedures, functions, views, indexes and constraints, triggers and required SQL tuning to reduce the response time in the application.
* Worked with business tools such as RTC and NSD.
* Maintain data backups in SVN using Tortoise SVN client
* Actively participated in the design of applications and actively worked on designing database.
* Worked closely with Business Analyst and QA
* Implemented agile methodology and actively participated in scrums.
* Involved in requirement gathering, Analysis and Documentation.
* Participated in change requirements and Bug fixing.
* Used Log 4J utility to generate run time logs.

**Environment:** Core Java, J2EE, RTC, EJB, JSF, Struts, Springs, Hibernate, XML, JSP, HTML 5, CSS3, JavaScript, Angular 2, AJAX, JSON, RESTful, Spring Tool Suite, JUnit, IBM Clear Case, Log4j, UNIX, PL/SQL, TOAD, SVN, Windows, Maven.

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| **CVS Caremark, Irving, TX** | **March 2014 - August 2015** |
| **J2EE Developer** | |
| **Responsibilities:**   * Implemented Model View Controller (MVC-2) architecture using Jakarta Struts 1.2 Framework at presentation tier. * Extensively used Hibernate 3.0 in data access layer to access and update information in the database. * Used Spring 2.0 Framework for Dependency injection and integrated it with the Struts Framework and Hibernate. * Used Java Messaging Services (JMS) for reliable, asynchronous communication to send automatic email notifications to clients. * Used web services for getting status of claim report and JAXB XML parsers for data retrieval. * Used XSLT for transformation from one xml document into another xml document. * Developed user interface using JSP, JSF, JSP Tag libraries, Ajax, Struts Tag libraries and Java Script to simplify the complexities of the application. * Implemented pages look and feel and Ajax calls using JQuery features. * Used Angular JS for single page Applications. * Knowledge in using the GxP operations through their respective lifecycles on a daily basis as assigned and according to work instructions and SOPs * Validated all forms using Struts validation framework and implemented Tiles framework in the presentation layer. * Designed various tables required for the project in MySQL database and used the Stored Procedures in the application. * Developed Junittest casesfor all the developed modules. * Used Log4J for logging and tracing the messages. * Used Rational ClearCase for version control across common source code used by developers. | |
| **Environment:** JBoss 4.0.2, Eclipse 3.0, JSP 2.0, Servlets 2.3, Ajax, Struts 1.2, Hibernate 3.0, Spring 2.0, JMS 1.1, XML Web Services, SOAP, WSDL, JAXB, Log4J, JUnit,GxP systems, ANT, JavaScript,JQuery, Angular JS, HTML, XSLT, Rational ClearCase, PL/SQL, MySQL, Windows XP. | |

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| **American Express, Phoenix, Arizona** | **July 2012 – Feb 2014** |
| **Java Developer** | |
| **Responsibilities:**   * Developed application using Spring Framework for Dependency Injection and Spring Context to provide message sources. * Using the SOAP Web Services to get the consumer reports data from Vendor. * Hands on experience with Hibernate, JDBC frameworks for connection between back-end and database. * Extensively used Spring MVC 4.0 framework, EJB, Open JPA, JavaScript, JSP, AJAX, WebLogic and Oracle. * Used the front-end technologies like HTML5, CSS3, Node JS, JavaScript, JQuery. * Implemented User Interface and integrated with backend code, Node.JS as server side technology. * Effectively worked with database Oracle 10g. * Experience in using configuration Management Tool SVN. * Worked with creating, configuring application build and deployment scripts using Maven, Apache Ant and coordinated production releases. * Attended code review meetings and weekly status reporting. * Actively participated in the daily SCRUM meetings to produce quality deliverables within time. * Applied knowledge of programming techniques to develop the application. * Tested the code changes to incorporate the business rules and specifications. * Created effective test cases to perform Unit testing and Integration testing with constructed deliverable which makes the product defect free and efficient. | |
| **Environment:** JAVA, J2EE, Springs4.0, Hibernate, SOAP Web Services, WebSphere 6.1, spring, HTML, CSS, JSP, JavaScript, Node JS, WebLogic, SCRUM, Oracle 10g, UML, Maven,Tortoise SVN | |

**At&t, Bothell, WA September 2011– July 2012**

**Java Developer**

**Responsibilities:**

* Involved in analysis, design and development of e-bill payment system as well as account transfer system and developed specs that include use cases, class diagrams, sequence diagrams and activity diagrams.
* Developed custom tags, JSTL to support custom user interfaces.
* Developed presentation layer using JSF.
* Designed powerful JSP Tag libraries for reusable web interface components.
* Developed SOA web services using JSF (Prime faces).
* Involved in development of web services for business operations using various Web Services API and tools like JAX-RS.
* Developed XML schemas - XSD, DTD for validation of XML documents.
* Developed application using Struts. Developed business domain layer using session and entity beans EJBs.
* Used Java Messaging Services (JMS) for reliable and asynchronous exchange of important information such as payment status report.
* Developed user interface using HTML, CSS, JavaScript, Bootstrap.
* Developed master JMS producer master, JMS Consumer, and notification manager to implement existing interfaces and hide JMS details from existing (legacy) notification producers and consumers.
* Made extensive use of java Naming and Directory interface (JNDI) for looking up of enterprise beans.
* Developed SQL, PL/SQL, stored procedures - database application scripts.
* Involved in test-driven software development methodologies.
* Deployed the application on Glassfish.
* Developed JUnit test cases for all the developed modules.

**Environment:**Core Java, PL/SQL, EJB 2.0, JMS, JNDI, XML, UMLs, Restful, Rationale Rose, Eclipse IDE, Glassfish, Struts, Junit, MS SQL Server 2008, HTML, CSS, JavaScript, Bootstrap, Unix (in support environment), JSF, TDD.

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| **Tata Consultancy Solutions, Hyderabad, India** | **June2010– July 2011** |
| **Assistant System Engineer Trainee/Jr. Java Developer** | |
| **Responsibilities:**   * Involved in the development of various front-end modules. * Developing Java script modules for client side validations. * Developed core Java backend tools. * Developed custom tag libraries for formatting contents in JSPs. * Developed and deployed EJBs on the server. * Involved in the production support for the application. * Developed various server side components using various J2EE technologies. * Involved in the development of different user interface screens using JavaScript, CSS, and HTML. * Developed presentation modules using Struts framework. * Developed various controller components using Struts framework. * Extensively used JDBC to access the database objects. * Extensively involved in coding of various design patterns. * Worked in deadline driven environment. | |
| **Environment:** Core Java, JDK, J2EE, Servlets, JSP, Struts, MVC, EJB, Java Beans, SQL, PL/SQL, Design Patterns, JDBC, JBOSS, Log4J, Apache ANT, JavaScript, CSS, HTML, XML, DB2, Stored Procedures, Windows 2000/NT/98 OS. | |