Vasanthi Mandava

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**PROFESSIONAL EXPERIENCE**

* Around 9 years of experience in complete software development lifecycle including Analysis, Design, Development, Integration, Deployment, Testing and Documentation of Enterprise Applications, Web based, Client server, Distributed and N-Tier Architecture technologies using Java/J2EE, Spring, Hibernate web development.
* Extensive experience in Internet, client/server technologies using Java 8, J2EE (JSP, Servlets, JDBC, JNDI), JSF, HTML, DHTML, CSS, JavaScript, AJAX, UNIX, JQuery, JSON, XML and XSD.
* Expertise in various open source frameworks and tools like Spring, Hibernate, Apache Camel, log4j, AJAX and ANT, Maven.
* Developed applications using **Core** **Java, Java Multi-Threading, Java Servlets, Java Server Pages (JSP), JDBC, AWT, Swing, Struts, Java Script** and **ExtJS.**
* Have hands on experience and very good knowledge in Core Java (OO concepts, Multi-threading, Collections, Exception handling, etc).
* Excellent in **front-end UI** design implementations by writing **HTML5/HTML**, **CSS3/CSS**, **RichFaces, Facelets** **Bootstrap, JavaScript, jQuery, jQuery UI, jQuery Mobile.**
* Working knowledge of Amazon Web Services (AWS).
* Extensive experience with Web/Application servers like Apache Tomcat, IBM WebSphere.
* Experience in leading J2EE Application servers WebSphere and Tomcat.
* Excellent experience in the design, development, and implementation of Model-View-Controller (MVC) inculcating with different J2EE frameworks and Design Patterns.
* Experience in working on IBM MQ Series and JMS.
* Used JAXB API's for binding java objects to XML and JAXP for parsing and validating XML.
* Extensive experience in using IDE’s like Eclipse and NetBeans.
* Strong experience in designing and working with **MySQL, Sybase** and **Mongo DB**
* Experience in writing SQL Statements, Triggers, Views and Stored Procedures for database transactions.
* Experience in working on different operating system environments like Unix, Windows and Linux.
* Good programmer in Unix Shell scripting.
* Experience in Unit, Integration, Performance testing and generating Test cases for

web/Java core applications.

* Used JUnit for Unit testing and LoadRunner monitoring during Performance testing.
* Experience to maintain the source using version controlling tools like SVN, Microsoft VSS, CSV.
* Expertise in SDLC that encompass with proven analytical and problem solving skills and experience working with AGILE/SCRUM methodologies.
* Highly conversant with quality procedures that are followed both at organization and client level.
* Effective Communication (written and oral) and Inter-Personal skills along with Proven aptitude on learning and working on emerging technologies.
* Hands on Experience in handling Critical Business Applications Issues, multiple projects concurrently in an aggressive schedule environment and handling failure recoveries.
* Experience in Analyzing and troubleshooting of Production issues.
* Coordinating with other team members to resolve the issues by giving L1,L2 and L3 support.
* Expertise in troubleshooting various pre and post implementation issues.
* Driven by new challenges and adept at adapting to any cultural and business environments.
* Team player with ability to communicate at all levels of development process.

**TECHNICAL SKILLS:**

**Java Technologies:** Java (J2SE 1.5/1.4), J2EE 1.5/1.4/1.3, JSF, Java SDK, Java 8(JDK 1.8),

Servlets 2.5/2.1,JSP2.1/2.0,JDBC 3.0, JNDI 1.2, RMI1.5,JMS, Hibernate

**Frameworks:** Spring, Spring MVC, JSF(1.1/1.2/2.0)(MyFaces/sunRI), RichFaces(3.3/4.0),

Prime faces 1.1.

**Web Technologies:** HTML, DHTML, JavaScript, AJAX, CSS, and Ext JS. **XML Technologies:** XML, XSL, XSLT, SAX, DOM, JAXP, JAXB **Application/Web servers:** IBM Web sphere 7.0/6.1/6.0, Apache Tomcat 5.5 **Databases:** Oracle 10g/9i/8i, MS SQL Server 2000, MySQL, Sybase 12.x,MongoDB. **IDE Tools:** Eclipse 3.1, Net Beans 6.0, My Eclipse, **AWT, JFC/Swing**, and JBuilder.  
**Tools:** Ant, Maven, JUnit, Log4j

**Other Tools**:SVN, CVS, IBM Rational Rose 2005/2003,TOAD

**Operating systems**:Windows 98/NT/2000/XP, UNIX, LINUX.

**PROFESIONAL EXPERIENCE:**

**Client: CVS, Dallas, TX 2016 – Till date**

**Role: Sr. Java/J2EEDeveloper**

**Environment: Java/J2EE, Java8, Spring MVC, Hibernate, JSF1.2/2.0, Rich-faces 3.3, Facelets, Oracle, HTML, CSS, AJAX, Sybase, MongoDB, JavaScript, AngularJs, Bootstrap, JQuery, NodeJS, NetBeans, HP Unix, Unix Shell scripting**

**Responsibilities**

* Participated in business requirements meetings for gathering requirements and provided inputs as needed.
* Responsible for analyzing the requirements and prepare detailed design and customization documents.
* Responsible for developing Spring, Hibernate and JDBC components using Java/J2EE technologies.
* Designed and developed the dynamic Web-based UI using AJAX, AWT,JSP, HTML, CSS, JSON and JavaScript.
* Responsible for coding of DAO classes using Spring Model with hibernate ORM.
* Designed and developed UI screens with XSLT and JSF (MVC) to provide interactive screens to display data.
* Prepared technical design and deployment documents. Involved in deployment for the multiple versions of builds co-ordinating with release team, configuration management and DBA teams.
* Unit test case preparation and Unit testing as part of the development.
* Implementation of the Business logic layer for MongoDB Services.
* Designed and implemented the MongoDB schema.
* Developed**views, triggers, stored procedures, tables**, **rules, defaults, constraints, keys.**
* Wrote services to store and retrieve user data from the MongoDB for the application on devices
* Used Mongoose API in order to access the MongoDB from NodeJS
* Used different XML parsers like SAX and DOM as per requirement.
* Used JAXB API's for binding java objects to XML
* Good hands on experience on UNIX commands, review log files on the test and production server.
* Involved in development of batch processing applications by utilizing UNIX Shell Scripting.
* Day to day co-ordination with offshore leads and managers.
* Involved in JSF upgrade 1.2/facelets/RichFaces 3.3 to 2.0/facelets/Richfaces3.0.
* Handled escalations from Service Desk Team by giving all levels of production support.
* Working with XMLs for defining configuration for application.
* Responsible for writing/reviewing Oracle queries based on performance tuning.
* Responsible for designing the User Interface by coding in **HTML5, CSS3, AngularJS v2.0, Bootstrap** to build this **SPA Single Page Application.**
* Rewriting of JSP’s to XHTML pages to take advantage of strict validation, And to overcome the problems of JSP using along with JSF display technology.
* Performed Impact, Root-Cause analysis on the production issues and resolved within timelines.
* Translates business requirements into solution components and guide the development team.
* Performed process walkthroughs, implemented changes, while working closely with business process owners.
* Performed all duties in accordance with FDA policies and rules.

**Client: Cisco, San Jose, CA Mar 2014 – Jan 2016**

**Role: Sr. Java/J2EE Developer**

**Environment: Java, J2EE, spring, struts, XIB, JSF, Rich-faces, Hibernate, JMS, JAXB, Jasper reports, Web Services, Oracle, Toad, UNIX.**

**Responsibilities**

* Participated in business requirements meetings for gathering requirements and provided inputs as needed.
* Responsible for analyzing the requirements and prepare detailed design and customization documents.
* Key involvement in interacting with Client.
* Implemented Service Oriented Architecture (SOA) by developing Web Services
* Interacted with business in base lining requirements and providing functional and technical support for the queries.
* Responsible for developing Spring, Hibernate and JDBC components using Java/J2EE technologies.
* Extending the RichFaces extended datatable component so that it can handle large dataset by customizing the paginating, filtering, sorting etc.
* Extending the filter facet of RichFaces extended data table.
* Mentoring the new resources by providing technology as well as domain knowledge transfers.
* Developed XML Web services for retrieving estimated and actual rates for the shipments.
* Worked on the entire MVC architecture of Struts including the Request Processor, Action class,

Action Form, Validation Framework.

* Used JAXB API's for binding java objects to XML and JAXP for parsing and validating XML.
* Annotations based **Hibernate** beans development, to eliminate the mapping XML files.
* Implementation of JMS between Workflow module and backend Message forwarding Engine.
* Prepared UNIX shell scripts for testing the application.
* Worked on Java Message Service (JMS) API for developing message oriented middleware (MOM) layer for handling various asynchronous requests.
* Developed Message Driven Bean's (MDB) for consuming messages from queues.
* Used PL-SQL for customer details updating at production and UAT level.
* Created different layouts of labels in Jasper-reports.
* Handled time to time change requests in different modules.

**Client: Blue Cross Blue Shield, Minneapolis, MN                     Sep 2012- Feb 2014**

**Role: Java/J2EE Developer**

**Environment: JSP, JavaScript, Servlets, HTML, Struts, Spring 3.0, EJB, WebServices , Java, J2EE, JDBC, Sybase, CVS, Log4j, Hibernate3.1, Eclipse, RAD,SQL, Oracle.**

**Responsibilities:**

* Involved in Archive Migration actively. Migration involves moving data from NAS drives in different server locations
* Involved in Project Design, Documentation, Design Reviews and Code Reviews.
* Designed used cases, class diagrams and state diagrams using UML.
* Developed static and dynamic Web Pages using JSP, HTML and CSS.
* Designed and Implemented Layouts for the existing JSP files.
* Used Spring Model View Controller (MVC) 2 architecture. Used JSPs in front end, spring framework in business layer and Hibernate in persistence layer.
* Developed Spring framework for security transactions, reusability logging purpose.
* Developed Session Beans and used J2EE Design Patterns like MVC and Business Delegate.
* Used Hibernate ORM framework as persistence engine, configured hibernate.xml file and Involved in Mapping, Coding and Fine tuning of hibernate Queries.
* Involved in debugging and troubleshooting.
* Developing and coding J2EEComponents with JSP, JavaBeans, business objects with EJBs and Servlets.
* Developed JSP custom tag libraries, and associated support in the Action Servlets, that assists in creating interactive form-based applications, which is the one of the primary area of functionality using Struts Framework.
* Created many stored procedures, tables, triggers.
* Handled bulk data upload millions of records for indicator data.
* Used JDBC for database connectivity and used connection pooling to optimize database connections Source Version Control CVS.
* Used Log4j for logging and debugging.

**Client: CSXT Transportation, Jacksonville, FL May 2010 - Aug 2012**

**Role: Senior Software engineer (Developer)**

**Environment: Java 1.5, Struts 1.2, Eclipse 3.2, log4j, Web Services, SOAP,XML, HTML, Java script, database.**

**Responsibilities:**

* Responsible for Understanding the scope of the Product and Requirement gathering
* Involved in entire Software Development life cycle
* Involved in design of the application using UML and prepared the sequence and class diagrams.
* Involved in design, development, unit testing, integration testing and acceptance testing for the application.
* Supported and managed large application for different change requests and productions issues.
* Developed new modules as part of change requests
* Coded the front end using JSP, JavaScript, HTML, CSS and server side using Servlets components.
* SQL Server is the database accessed using JDBC connection.
* Provided solutions with AJAX which improved performance and usability of the application.
* Responsible for bug fixing and Production Support
* Used Struts framework to develop MVC design pattern.
* Used Struts validation framework for client side and server side validation.
* Used Tiles for development of layout of the application.
* Involved in development of Struts Action Class.
* Used Struts and JSP’s to develop dynamic views.
* Configured Struts Controller.
* Created Test cases using JUnit framework to validate the application flows in different scenarios in the standalone application.
* Implemented the business logic by using DTO component to be used under the various modules in the application.
* Using Log4J on application servers to print the logging, debugging, warning, info on the server console.
* Implemented Agile methodology for the software development process.

**Client: NTT DATA July 2008 - April 2010**

**Role: Java/J2EE Developer**

**Environment: Java, J2EE, JSP, Servlets, JavaScript, SQL server 2000, Eclipse, IBM WebSphere**

**Responsibilities**

* Responsible for requirement gathering.
* Involved in design, development, unit testing, integration testing and acceptance testing for the application.
* Single handed supported the application for different change requests and productions issues.
* Developed new modules as part of change requests
* Coded the front end using JSP, JavaScript, HTML, CSS and server side using Servlets components.
* Provided solutions with AJAX which improved performance and usability of the application.
* Used JDBC for database connectivity and used connection pooling to optimize database connections Source Version Control CVS.
* Responsible for bug fixing and Production Support

**EDUCATION:**

* Bachelor of Technology from Andhra University, India in the year 2008.