**Pranitha Madduri**

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**Summary:**

* Around 8 years of IT experience diversified exposure in **Software Process Engineering**, developing, building enterprise applications using **Java, J2EE** frameworks.
* Experience in various phases of Software Development Life Cycle(**SDLC)** like **software planning, requirement analysis, designing** and building **enterprise applications** for manual and automation process.
* Experience in software development methodologies like **Waterfall, Agile development** and **Rapid Application Development**.
* Expertise in designing and developing applications using **Java** and other **J2EE**, Multithreading**, Transaction Management, JDBC, XML, Web Services** and other open source frameworks and APIs.
* Proficiency in using frameworks and technologies like **Struts, Spring, Angular JS, HTML5, JavaScript, Servlets, JavaBeans, CSS3, AJAX, JQuery, Hibernate, Web Services, XML**.
* Experience in architecture patterns like **MVC** (Model View Controller), Singleton, Factory, Builder, Session Façade.
* Experience in Object Relational Mapping frameworks such as **Hibernate.**
* Experience with **SOAP and RESTful** web services for delivery of software product across the enterprise.
* Design and development of web-based applications using different web servers like **Apache Tomcat, JBoss, WebLogic and Web Sphere**.
* Experience in configuring and managing **RDBMS** systems like **Oracle, SQL Server** and **NoSQL** systems like **MongoDB**.
* Experience in using different **IDE’s like Eclipse, NetBeans, IntelliJ**.
* Experience in configuring builds tools like **Maven** and **ANT** for the **development and deployment.**
* Working experience with log frameworks like **log4j**.
* Proficiency in implementing version control software like **SVN, VSS, CVS**.
* Experience in shell scripting for **UNIX** for batch processing.
* Experience in working with different operating systems like Windows, UNIX.
* Hands on experience in writing unit test cases in **Junit**.
* Experience in identifying **defects, problems, suggesting** and determining the extent of programming required and **performance tuning of the applications.**
* Excellent team player, quick learner and self-starter with effective communication, motivation and organizational skills combined with attention to details and business process improvements.
* Self-motivated, easily adaptable to new environments and able work independently or in a team.

**Technical Skills:**

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| Operating systems | Linux, UNIX and Windows |
| Languages | Java, J2EE, HTML, HTML5, XML, UML |
| Technologies | Core Java, Servlets, JSP, JDBC, MVC Framework Web Services, JAX-WS, Spring, Struts, Hibernate, XML, XSLT, Log4j and JUnit. |
| Frameworks | Spring MVC, Hibernate, Struts, AngularJS. |
| Databases | Oracle, SQL Server. |
| IDE's | Eclipse IDE, Net beans, IntelliJ, RAD Testing JUnit. |
| Application Servers | WebSphere, Apache Tomcat, WebLogic |
| Version Control | CVS, VSS, SVN |
| Web Services | SOAP, RESTful, JAX-WS. |
| Server Scripting | JSP, JSTL, Custom Tag Library, AJAX (Dojo, JSON). |
| Build Tools | Apache ANT, Maven |
| UML | Rational Rose and MS Visio |

**Work Experience:**

**Client: Texas Medicaid and Healthcare Partnership (TMHP), TX. July 2016 - present**

**Role: Java Developer**

**Responsibilities:**

* Followed **agile** methodology, interacted with the client, provide/take feedback on the features, suggest/implement optimal solutions and tailored application to customer needs.
* Designed the project using **MVC, Session Façade, and Service Locator** and Business Delegate patterns.
* Designed Presentation layer using JSP, Struts framework and did front-end validations using **JavaScript and JQuery**.
* Involved in design and development of UI component, using frameworks **Angular JS, JavaScript, HTML5, CSS.**
* Developed Web pages using **Struts view component JSP, JavaScript, HTML, jQuery, AJAX**, to create the user interface views Migration 3rd party applications.
* Implemented all **DAO's** using Spring Framework. Implemented SOA using Web Services (SOA over WESB and SOAP over JMS) on ESB utilizing WebSphere Integration Developer (WID).
* Implemented core features of **Angular** **JS** framework such as dependency Injection, **Data-binding, Filters, Directives, Templates, Services and Deep Linking.**
* Integrated the application with **Spring** Framework for implementing **Dependency Injection** and provide abstraction between presentation layer and persistence layer.
* Used **Hibernate ORM** framework as persistence engine, configured O/R mapping and wrote hibernate queries.
* Used **AWS** to deploy the project on EC2 instance. Implementation of the Business logic layer for MongoDB Services.
* Used Spring **IOC** and spring's **Hibernate** Support, transaction management.
* Developed **hibernate DAO** framework with spring framework.
* Used **MVC architecture**, **Business Delegate**, **Session facade**, **Data Access Object, Value Object and Singleton patterns**
* Involved in **Migrating** an existing on-premises application to **AWS.**
* Exposed various capabilities such as **Web Services** using **SOAP and WSDL**.
* Configured and deployed the application on **WebLogic Application Server**.
* Worked on **J2EE** components like **Servlets**, **JSPs** and **MDBs**.
* Created JUnit test cases, and Development of **JUnit** classes.
* Configured **log4j** to enable/disable logging in application.
* Supported all the **UNIX** requests for various applications.
* Developed **ANT** script to build .war and .ear files for the application.

**Environment:** Java, J2EE, JSP, Springs, Struts, Hibernate, IntelliJ, WebLogic 10g, jQuery, MVC, MongoDB, Rational Rose, HTML5, CSS, Angular JS, XML, UML, Web Services, JUnit, EJB, SVN, Windows, UNIX.

**Client: Cerner Corporation, MO. April 2015 – June 2016**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in creating **Use cases, Class diagrams** and **Interaction Diagrams** using **Microsoft Visio 2007**.
* Designed the **UML** diagrams based on the **OOAD** principles.
* Developed the application under **J2EE** architecture using **JSP**, **Struts**, **Spring**, **Java Beans**.
* Developed **GUI screens** using **HTML, Java script**.
* Developed the **Action classes**, **Action forms** and **Action servlet** for **Web tier**.
* Used **AJAX** in user validation and suggestion list and to display dialog boxes.
* Sever side validations are done using **Struts** Validator Plug-In.
* Used Spring Framework and created the **Dependency injection** for the Action classes using ApplicationContext.xml.
* Developed the **Business logic** on the web tier using EJB **Stateless Session beans.**
* Worked on **MQ** with **J2EE** technologies on the **WebSphere MQ**.
* Designed and implementing **Session Facade**, **Service Locator** and **DTO** design patterns.
* Analyzed, designed and implemented **DAO** pattern for accessing Database using connection pool.
* Involved in designing and developing new back-end services, maintaining and expanding our **AWS** infrastructure, and providing mentorship to others on my team.
* Involved in configuration of XML flat file and parsing the XML file using the SAX Parser.
* Involved in creation of Unit Test Cases and Actual Unit Testing for **POJO's** using Junit.
* Implemented **JReport** for annual report generation with charts.
* Used **VSS** for version control and source code management
* Extensively involved in designing **UI**, reporting and specification documentation.
* Responsible for the user module, setting rights and permission to users through the keywords set with database and testing.

**Environment:** JDK1.5, JSP, JSF, Struts1, spring, HTML, AJAX, CSS, XML, EJB, PL/SQL, IBM WebSphere Application server 5, JUnit, Web Services (JAXWS), VSS, SAX Parser, Oracle 9i, NetBeans.

**Client: CNA Insurance - Chicago, IL. Jun 2014 – Mar 2015**

**Role: Java Developer**

**Responsibilities:**

* Involved in project discussion with client and in **business logic analysis**.
* Prepared Module Design and implementation notes with **UML** Diagrams.
* Used **CSS** for better look and feel for the user interface along with **JQuery** and **JavaScript** for **DOM** manipulation, validation and UI design.
* Utilized **AJAX** to increase web page's interactivity, speed and functionality.
* Writing **EJB classes** and Deployment Descriptors.
* Developed **Java Beans** to store and exchange data between **Model, View and Controller** at runtime.
* Coding for **Servlets, JSP, DAO** and **JMS** and involved in writing custom tags.
* Created **Hibernate** configuration files, created **POJOs** and mapping files.
* Used **CVS** for the version control of the code.
* Performed **Unit** testing for the application.
* For the logging of the application **log4j** is used.
* Extensively used **Net Beans IDE** for building, developing and integrating the application.
* Written **ANT** build script for the application build and deployment.
* Coordination with (Data warehouse, Data modeling and ETL) other technology team.

**Environment:** Core Java, JSP, Servlet, JQuery, JavaScript, AJAX, XML, XSL, SOAP, Log4j, CSS, Hibernate, Oracle 11g, Net Beans, Ant, CVS, Rational Rose.

**Client: Blue Cross Blue Shield - Dallas, TX. Oct 2012 – May 2014**

**Role: Java Developer**

**Responsibilities:**

* Involved in complete project **Life Cycle**, i.e. Design, Analyzing, Implementation, unit Testing and UAT Testing support and Production Maintenance.
* Worked on **agile** approaches, including **Test-Driven** Development and **scrum**.
* Involved in High level estimation of project schedules, project time lines and project deliverable meetings.
* Involved in Writing **Action classes, Action Forms** and **Action Mapping** in Struts Config xml.
* Focused on developing the Application **UI** for presentation.
* Provided end-to-end support for **Enterprise Architectures**, from requirements analysis and process modeling with IBM Rational Rose.
* Developed Web pages using **Boot Strap, JSP, JavaScript, HTML, AJAX**, and **CSS**, to create the user interface views. Adopted **Model View Controller** architecture and used **Struts** to implement MVC in the application
* Used **Hibernate** to develop **DAO** in Model component of Struts MVC and to interface with the database.
* Developed all J2EE components using **My Eclipse** IDE.
* Installed and configured Web sphere Server for handling **HTTP** Request/Response.
* Used **AngularJS** as a development framework to build single page application.
* Used **XML, XSL** and **SOAP** to transfer data and messages to and from web services.
* Used CSS for better look and feel the user interface along with **JQuery** and JavaScript for **DOM** manipulation, validation and UI design.
* Worked on testing application controllers extensively with angular's built in testing facilities.
* Experienced in writing **SQL** and **PL/SQL** scripts including Stored Procedures, functions, packages and triggers and Managed and administered all SQL Server database systems.
* Actively involved in getting the production issues resolved.

**Environment:** Java, J2EE, Java Script, J Query, AngularJS, Struts, Hibernate, spring, Web Sphere, Web Services, Ajax, XML, My Eclipse, SQL Server, JUnit, Maven, SOAP.

**Client: JPMorgan Chase - Dallas, TX. Jul 2011 – Sep 2012**

**Role: Java Developer**

**Responsibilities:**

* Involved in various **SDLC** phases like Requirement gathering, Design, Analysis and Code development.
* Used **Spring** Framework for Dependency Injection and integrated it with the **JSF** Framework.
* Used **Angular.JS** and **Backbone.JS** for client side validation
* Developed the entire application implementing **MVC Architecture** integrating Hibernate and spring frameworks.
* Extensively used **Hibernate/JPA** and **Spring-JDBC** in data access layer to access and update.
* Involved in Developing the Application using **Struts** MVC Framework by implementing Controller, Service classes.
* Designed and developed **Hibernate** configuration and session-per-request design pattern for making database connectivity and accessing the session for database transactions respectively.
* Used **Spring Batch** for scheduling and maintenance of batch jobs.
* Experience with servers like **Web Logic, Tomcat** and **Web Sphere**.
* Designed asynchronous messaging using **Java Message Service (JMS)** to exchange of critical business data and events among J2EE components and legacy system.
* Used **CVS** as version control system to check in and checkout the data.
* Data Operations are performed using **Spring ORM** wiring with Hibernate and Implemented Hibernate Template and STRUTS1.3.
* Designed the business object with **Hibernate ORM** mapping and interfaced with the business mangers using Spring DAO.
* Used **Toad** for the DB2 database changes.
* Participated in group sessions, design reviews, and code analyzing.

**Environment:** Java 1.5, Spring Dependency Injection, Hibernate 2.0, Struts2, Spring2, HTML3, XML, SQL Developer, Junit, SOAP, Tomcat 6.0, Spring-JDBC Angular.JS, Hibernate, struts1.3, AJAX, CSS, WebSphere 6.1, Eclipse IDE, DB2.

**Client: Stockton Telecom - Irving, TX. Oct 2009 – Jun 2011**

**Role: Java Developer**

**Responsibilities:**

* Responsible for Development team interaction and understanding the documents written by the business analyst.
* Implemented **Model View Controller (MVC)** Architecture based presentation using **JSF** framework.
* Developed various **UI** components using **Boot Strap, JSP, and HTML, CSS, JavaScript, AJAX.**
* Developed user interface components using **JSP** and **tag libraries**.
* Involved in writing **EJBs** (Stateless Session Beans) and **Web Services** for building the middleware distributed components and deployed them on application servers.
* Used **MySQL** as database and was involved in the development of **PL/SQL** backend implementation and using **SQL** created Select, Update and Delete statements.
* Involved in designing of user interface.
* Created required Database **triggers**, tables with proper indexes and involved in writing **stored procedures**.
* Used **SVN** for version control of the code and configuration files
* Performed **Unit** testing and **Integration** Testing.
* Involved in **Agile** methodology with respect to the successful development of the project.
* Supported the applications through **debugging, fixing and maintenance releases**.
* Involved in mapping the data from various vendors with the existing database.

**Environment:** Java, J2EE, JSP, Struts, XML, Maven, MS Visio, Web Sphere Application Server, RAD, My SQL, SVN, Windows.