Sumanth

Java J2EE Developer

**Summary:**

* Around 7 + years of Information Technology experience in **Analysis**, **Design** and **Development**.
* Experienced in using **Agile** Methodology including creating product / sprint catalogues, active participation in **Scrum**, **Sprint** planning and exit meetings.
* Experienced in design and development of various web and enterprise applications using J2EE technologies like **JSP, Servlets** and **Web Services**.
* Experienced in all stages of **Software Development Life Cycle (SDLC)** including proposal, process engineering, requirement analysis, design, development, testing, deployment and support.
* Good experience in implementing **Object Oriented Analysis & Design (OOAD)**.
* Exposure to implementing Web Services (WSDL using **SOAP** protocol).
* Strong Experience in working with scripting languages like **JavaScript**. Hands on experience in developing user interfaces with **HTML.**
* Experience in preparing project related documents using **Microsoft Office Suite** like MS-Office, MS-Excel, MS-PowerPoint.
* Usage of ORM framework like **Hibernate and JPA**.
* Experience in deploying applications on Web Servers like **Apache Tomcat, Web Sphere, Web logic, Glassfish**.
* Extensive development experience on different IDE’s like **Eclipse, My Eclipse, Net Bean**s.
* Experience writing unit test cases using **JUnit**.
* Familiarity with usage of design patterns (**Singleton, DAO, Factory, Command** etc.)
* Experience in XML related technologies like **JAXP, JAXB, XML, XSL, XSD, XPATH, DTD**, and **XML** Schemas.
* Experience in using **DOM** and **SAX** parsers to process, validate, parse and extract data from XML files.
* Experience in various Agile methodologies like **Test Driven Development (TDD), SCRUM**, and **Pair Programming**.
* Experience in build tools like **ANT**, **Jenkins**, **Maven**.
* Experience with **GIT.**
* Good Experience in developing User interfaces using HTML**, DHTML, CSS, Java Script, AJAX, JQuery** and **Angular JS, Backbone.JS**
* Good knowledge in programming **JSP, Servlets, Springs**.
* Experience in **chef**, developing cookbooks for middleware automation using **ruby**, **python**, setting up chef server and agent architecture. Developed recipes for WAS, **JBOSS** and **Tomcat, Server provisioning**.
* Ability to learn and use new systems and paradigms in considerably less time.
* Worked on code optimization & performance tuning of various applications.
* Excellent interpersonal, technical, strong problem solving and decision making skills. Possess effective communication skills along with strong dedication and commitment towards work.

**Technical Skills**:

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| **Languages** | SQL, JAVA, C++, HTML, Java Script, Shell Scripting, UNIX |
| **Test Management**  |  JIRA, Bugzilla. |
| **Web services** | SOAPUI, Apache ANT |
| **Methodologies** | AGILE, Waterfall |
| **Databases** | My SQL, Oracle 10g |
| **Automation tools** | Selenium, WebDriver, TestNG  |
| **Operating Systems** | Windows, LINUX, UNIX, MacOS |
| **IDE’s** | Eclipse, Visual Studio, Clear case |
| **Version Control System** | VVS, SVN, CVS |
| **User Interface** | HTML, DHTML, CSS, Java Script, AJAX, JQuery and AngularJS |
| **JAVA Frameworks & Tools** | HIBERNATE, SPRING, WEB SERVICES, STRUTS, ANT Building tool, Log4J, Maven Building tool. |
| **Build Tools** | Ant, Jenkins, Maven |
| **Application/web servers** | Apache Tomcat server8.x, JBoss Application Server, Web logic 10 |
| **Configuration management** | GIT |
| **Testing** | JUnit, ATDD, JPerformance, Wiremock |

**Professional Experience:**

**Intuitive Surgical, Sunnyvale, CA** **Feb 2016 – Present**

**Java developer**

Intuitive Surgical Inc. is an American corporation that manufactures robotic surgical systems, most notably the da Vinci Surgical System. The da Vinci Surgical System allows surgery to be performed using robotic manipulators.

**Responsibilities:**

* Involved in the **Agile Scrum Methodology** to develop the application.
* Developed Use Cases, Sequence Diagrams, Collaboration Diagrams, Activity Diagrams, and Class Diagrams.
* Design the application using HTML5, CSS, and JavaScript/jQuery.
* Implemented the web-services like **REST**/SOAP.
* Wrote **JUnit** test cases for services, domain layer and SVN for version controlling and Hudson for Continuous Integration.
* Worked on **Struts 2.0** Framework.
* Application is organized into three parts (user interface, business logic, and database & programming).
* Implemented MVC design pattern using Servlets, Java Beans and JSP.
* Used Java Script for Client side validations and developed unit tests cases
* Worked with JDBC and developed SQL queries and EJBs for business logic for the application
* Client layer contains GUI consisting HTML/JavaScript/JSP
* In the middle layer, business logic is located on the Apache Tomcat Server.
* Knowledge of **Design Patterns**, Web Services and XML.
* Database layer, Oracle database management system, handles storage of application objects used by middle layer

**Environment: Java 1.7**, **J2EE**, JSP, Servlet, **Struts** **2**.**0**, **Agile-Scrum Methodology**, JDBC, **Eclipse**, Oracle 11g, JavaScript, HTML5, CSS, Tomcat v7, RESTful Web Service, Angular.js**.**

**Capital One, Rolling Meadows, IL March 2015 – Feb 2016**

**Java/J2EE Developer**

Capital one is a financial company that offers credit cards, loans auto, checking accounts and more. they still heavily rely on main frame, however they main goal is to remove data center. Therefore, they have been encouraging main frame developers to switch to a modern computer language so they keep update with today's market.

**Project:** Financial

* Building Rest API’s to interchange between client side. and the server side.
* Deploying Rest API’s Application in AWS Cloud.
* Writing JUnit 4 to test Rest API’s.
* Writing ATDD test in Ruby code for testing application response.
* Agile methodology.
* JPerformance for testing application performance.
* Building application using Maven 3.0.
* Spring Framework for handling application request.
* Developing Message framework for Asynchronous service using Kafka.
* Monitoring application using Splunk.
* AMI hydration and tear down old instances in AWS.
* Automation testing using Jenkins.
* Java Programming Tutor for Main Frame Developers.
* MongoDB for data access Layer

**Environment**: Java 1.8, Spring 3.0, JUnit 4, Ruby, Maven, AWS Cloud, Chef, Docker, Microsoft Windows, Linux, Version One, Putty, GitHub, GitBash, Subversion, XML, Wiremock, Json, Splunk, Nexus, Postman, ARC, MongoDB.

**T-Mobile, Bothell, WA August 2014 – March 2015**

**Java/J2ee Developer**

**Responsibilities:**

* Involved in designing and developing the Web pages using **HTML (4/5), CSS (2.1/3)**.
* Involved in developing the UI, layout and front-end programming for web application that matches requirements of the client.
* Used **File Transfer Protocol (FTP)** to transfer computer files from one host to another host over a **TCP**-based network.
* Tuned **Teradata** stored procedures to meet standard.
* Parallelly used **File Transfer Protocol (FTP)** to communicate path between the **USER-PI and SERVER-PI** for exchange of commands and replies.
* Used to write a small chat application using **Spring Web Sockets** with the **Spring framework.**
* Converted the mock-ups into hand-written **HTML, CSS (2.1/3), XHTML, JavaScript, jQuery**.
* Used **Jenkins** for Unit Testing.
* Involved in creation of **GUI** using **Java Swing**.
* Developing the web pages using responsive design.
* Developed business applications using web technologies like **HTML5, XHTML, CSS** based on **W3C Standards**.
* Developed various helper classes needed following **Core Java multi-threaded programming and Collection classes**.
* Used **multithreading** in programming to improve overall performance.
* Deployed the applications on **Web logic, Apache Tomcat, JBoss and proxy webserver.**
* Used **Spring Security** to Domain Object Security support for application.
* Made use of the **Spring MVC framework**, along with **Hibernate** for **object-relational mapping**.
* Worked on a code generation framework that generated **Java Swing** code from **XML.**
* Used Data Power for user Authentication and Authorization.
* Working within **SOA** based enterprise framework to build web services for Middle Tier processing.
* Analyzed current legacy infrastructure, established business case, and built consensus for virtualized **IaaS / PaaS** near term strategy with SaaS mobile cloud services end state.
* Demonstrated ability to learn and apply new technologies quickly
* Design and development of nightly reconciliation/settlement process
* Fix defects identified during SIT **and UAT.**
* Actively involved in mock screens development and project start-up phase.
* Developed UI Layer for the application using **AngularJS, HTML5, CSS3, Bootstrap**.
* Involved in building a single page and cross browser compatible web application using **AngularJS** (Angular routing) and bootstrap.
* Worked with advanced MVC framework such as **Spring Boot, JSF, Hibernate & JavaScript** which is used for implementing backend functionality.
* Proficient in developing **SOAP and RESTful Web Services.**
* Responsible for consumption of **RESTful web services** using Jersey and Jackson API’s.
* Worked with **GIT** which is used as a version control tool in the project
* Efficiently managed in the fast paced agile environment.

**Environments:** Java, J2EE, Servlets, Spring, Hibernate, Eclipse, Spring Sockets, AngularJS, CSS3, HTML5, Web logic Server, Spring MVC, Apache CXF, Apache Tomcat, Jersey, Jackson, Oracle 11g, SQL Developer, PaaS, GIT, JIRA, IBM Rational Application Developer 8, Java Swing, FTP, SFTP, Jenkins, Teradata

Harris Bank, Chicago, IL October 2013 – August 2014

J2ee Developer

Project: Anti Money Laundering

Project Description: AML provides a comprehensive Reporting and query capabilities. It capture's customer Details Store compliance rules monitors transactions and flags any violation of transactions against customer profile and compliance rules. The system generates all statutory Reports and provides for generation of Suspicious Activity Reports. The primary objective of any anti money laundering solution is to Monitor Customers & Transactions for Money Laundering Activities Scan Customers and transactions against the various blacklists.

**Responsibilities:**

* Involved in modifying, updating and testing of the component.
* Involved in group meeting with teammates and made substantial changes to the architecture to improve performance of the Application.
* Modified JSPs, used struts tag libraries and Java Server Pages Standard Tag Library (JSTL).
* Maintained Struts architecture throughout the application.
* Developed the bean classes for better data exchange between the MVC layers
* Successfully differentiated presentation from code.
* Used multi-threading and socket programming.
* Deployed the application on WebLogic Application Server.
* Created connection pools and data sources.
* Modified JavaScript to read client side activities (events) and data and event validations.
* Used WinCVS as version Control system.
* Suggested ER models and changes in the table structures
* Modified SQL, PL/SQL procedures and triggers to obtain optimize output.
* Involved in separation of components and deploying in different servers and balancing the load among each Server.
* Solved performance issues and brought optimal output from the available resources.

**Environments:** Java, J2ee, Sybase, Bea WebLogic Server, Jstl, Sql Server, Struts, Frame Work, Servlets, JSP, EJB, WinCVS, JavaBeans, Eclipse, Uml, Windows Xp/Linux.

**Ntech Assessments, Hyderabad, India. October2011 - September 2013**

**Role: Java J2EE Developer**

**Description:**  The Objective of the project is to enable the personal banking system available around the clock for the whole year. This system eases the maintenance of various accounts including credit-cards, loans, and fixed deposits. The system offers automatic bill payments, bill scheduling, fund transfers and automatic notifications through emails.

**Roles & Responsibilities**

* Involved in the Requirements collection & Analysis from the business team.
* Involved in developing applications using Java, J2EE, Spring, JSP and Servlet.
* Created the design documents with use case diagram, class diagrams, sequence diagrams using Rational Rose.
* Implemented the MVC architecture using Spring Framework.
* Implemented Action Classes and server side validations for account activity, payment history and Transactions.
* Implemented views using Spring, JSTL2.0 and Expression Language.
* Implemented Tiles Framework for the views layout.
* Implemented session beans to handle business logic for fund transfer, loan, credit card & fixed deposit modules.
* Worked with various java patterns such as Service Locater and Factory Pattern at the business layer for effective object behaviours.
* Worked on the JAVA Collections API for handling the data objects between the business layers and the front end.
* Implemented the web services client to consume the third-party service API for validating credit cards. Used XML Web Services using SOAP to transfer the amount to transfer application that is remote and global to different financial institutions.
* Developed ANT scripts and developed builds using Apache ANT.
* Used JavaScript for reliable and asynchronous exchange of important information such as payment status report.
* Developed Unit test cases using JUnit.

**Environment:** J2EE, Java, Spring, Tiles, JSP, JNDI, Clear Case, SOAP, XML, Schema (XST), EJB 2.0, JavaScript, JSP, Servlets, ANT, Tomcat, Jira, DB2, DB visualizer, Unix shell.

**Param Solutions, Bangalore, India June 2009 - October 2011**

**Role: Java / J2ee Developer**

**Responsibilities:**

* Built the admin module using Struts framework for the master configuration.
* Developed server-side common utilities for the application and the front-end dynamic web pages using **JSP, JavaScript** and **HTML/DHTML**, Developed **EJB** components encapsulating business logic.
* Used **Struts-config.xml** file for defining Mapping Definitions and Action Forward Definitions.
* **Spring Security** for programbased applications.
* Creating XML based configuration, property files for application and developing parsers using **JAXP, SAX, DOM** technologies.
* Design and Development of business objects, data objects, view objects and helper classes.
* Developed **Log4j** logs to record the application events to provide the debugging, monitoring and auditing capabilities to the application.
* **Struts MVC framework** for developing J2EE based web application.
* Extensively worked on presentation layer and simulators developed with **Struts**.

**Environment: Java 6.0, J2EE, Servlet, JSP, Struts EJB, XML, Log4J, Web Services, Windows, ANT, UML**.

**Education Qualification:**

* Bachelor of technology from JNTU (India).