**SHYAM D**

**Full Stack Java Developer**

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**Professional Summary**

* Highly motivated, creative & versatile IT professional with 7+ years of experience in design and development of **client/server applications using Java/J2EE technologies**.
* Extensive experience in all phases of software development life cycle (SDLC) including **requirements gathering, analysis, design, implementation, deployment and support** of applications.
* Strong database connectivity skills which include **Oracle, MYSQL, and DB2** and in programming with **SQL, PL/SQL**.
* Extensive experience with server-side programming and technologies such as **J2EE**, **Servlets**, **JSP**, **JavaBeans**, **JDBC**, **JMS**, **JNDI** and **EJB**.
* Participates in **Agile** and **Scrum** Methodology with daily stand-ups, weekly planning games and retrospectives.
* Broad knowledge and hands on experience in Web development **using HTML5, DHTML, AJAX, CSS, JavaScript, JQuery, Angular JS, Bootstrap.**
* Expertise in frame works like **Spring, Hibernate, Struts and JSF**.
* Executes **RESTful Web services** using **Spring MVC Rest frameworks.**
* Involved in creating and consuming SOAP based and **RESTful web services** using **WSDL, JAX-WS, SOAP UI,JAX-RS and JERSEY** framework.
* Experienced in working with **Jenkins** for **Continuous Integration (CI)** and **Continuous Deployment (CD).**
* Involved in automated testing using **Selenium, Junit, TestNg frameworks**.
* Experience in using application servers like **Tomcat, Web sphere and Glass Fish**.
* Experience in implementing persistence layer using **JDBC, Spring Dao and Hibernate**.
* Implemented MVC Frameworks such **as spring MVC**.
* Extensively working on **XML, DTD, XML Schema, XSL, XPath, DOM, and SOAP**.
* Exposure to different IDE’s like **Eclipse, IntelliJ and NetBeans**.
* Supported Testers with Unit Testing, **User Acceptance Testing and Bug Fixing**.
* Good Exposure with **JBoss, Web Sphere, WebLogic** and **Apache tomcat Web Application servers**.
* Significant knowledge **of Google Web Toolkit**.
* Highly organized with the ability to prioritize **workload, manage multiple tasks** and **meet project deadlines** by following project standards and routines as per customer specs.
* Experience in using version control and configuration management tools like **SVN**, **CSV** and **GIT**.
* Knowledge on **Scala** programming language and **java8** which includes implementation of **OOP** concepts, integration with java.
* Developed and executed software systems utilizing **JavaScript** and **Groovy**.

# TechnicalSkills

* **Programming Languages:**Java 1.8, J2EE, C#, C, C++, UML, SQL, Visual Basic.
* **J2EE Standards:**JDBC, JNDI, JMS, Java Mail, JTA, XML.
* **Java Technologies:**JDBC, Servlets, JSP, Spring4.0, JPA, Hibernate4.1, JAXB, Junit.
* **Web Technologies:**HTML5, CSS, Java Script, AngularJS, XML, Ajax, JQuery, Bootstrap, REST full Web Services.
* **Database:**Oracle, MySQL, SQL Server, DB2, MS Access, MongoDB.
* **Application Servers:**BEA WebLogic 6.0/10, IBM WebSphere 5.0/6.0, SJSAS 8.1/8.2, JBoss, JRUN
* **Web Servers:**Apache Server, IIS, Tomcat 8.0.
* **IDE:**Eclipse, NetBeans, Eclipse, IntelliJ.
* **Version control:**CVS, RTC, Microsoft Visual Source Safe, TFS.
* **Methodologies:**Agile/Scrum, Waterfall, TDD.
* **Build Tools:**Maven, Ant, Jenkins.
* **Testing & Performance:** JUnit, Mockito, power mock, TestNg, JMeter and Selenium.

**PROFFESIONAL EXPEREIENCE**

**Universal Service Administrative Co(USAC), Washington, D.C Mar2016 - Current**

**Senior Java/J2EE Full Stack Developer**

**Description:** USAC **Universal Lifeline Telephone Service(UTLS)** is the platform for web services that acts as a common gateway for APIs from different existing systems like Product and Offer Management, Billing, Sales, etc. The Java web services act as a one stop shop for APIs for different Emerging Business Market Resellers, Clients and Partners looking to access APIs from their own systems.

**Responsibilities:**

* Providing Java programming support for **existing and new applications**.
* Understanding of functional specifications and documenting **technical design documents**.
* Develop robust **User Interface** using **HTML, HTML5, CSS3, JSP, JavaScript, Custom Tags** and **XML**.
* Good knowledge of latest version of object oriented JavaScript Libraries like **Angular.js** and **Node.js.**
* Designed dynamic and browser compatible pages using **HTML5, CSS3, JQuery and JavaScript**.
* Implemented MVC architecture by using **spring framework 3.0, Hibernate 3.0** in terms of **JSPs and Servlets**.
* Managed **Spring Core** for dependency **injection of control (IOC)**, and integrated with Hibernate.
* Designed and developed extensive **Structs Action Servlets** and Actions Forms to handle various requests. Developed web Services using **REST** using **JAX-RS** using Jersey which helped communicating through different modules of the application.
* Created tile definitions, **Structs-Config** files and resource bundles using **Struts** Framework.
* Exposure with Oracle environment using **JDeveloper, and SOA suite**.
* Implemented queries using **Oracle 10g, PL/SQL and SQL Server 2008**.
* Involved in the development of presentation layer and **GUI** framework using **Angular JS** and **HTML.**
* Built different modules, controllers, templates, custom filters and directives in **Angular JS**.
* Used **XML parser APIs** (SAX) in the web service's request response data marshalling as well as un-marshalling process.
* Wrote SPA (Single Page Web Applications) using **RESTFUL** web services plus **Ajax, Bootstrap and Angular JS**.
* Developed the Services for **Restful Services using JAX-RS and Java**.
* Developed several **REST web services** supporting both **XML and JSON** to perform tasks such as remote thermostat and demand-response management. Restful web services leveraged by both web and mobile applications.
* Involve in **AGILE** Methodology and participates in **SCRUM Meetings**.
* Integrate the different parts of the application and test.
* Application deployment suite to deploy in Tomcat.

**Environment:**JAVA, J2EE 5, JUnit, AJAX, HTML. CSS, JSP, JQuery, JSP 2.1, JavaScript, SQL Server 2008, JAVA 1.7, Oracle 9iWeb services, Apache Axis, XSLT, Servlets 2.5, SOA, Tiles, HTML, Angular JS, XML, Spring MVC, Hibernate 3.0, REST Services, JAX-RS.

**Fannie Mae, Herndon, VA Dec 2014- Feb 2016**

**Senior Java/J2EE Full Stack Developer**

**Description:** This is a Mortgage product, which is an end-to- end enterprise credit fulfillment system for the mortgage industry. This program allows financial institutions to electronically configure

mortgage products and related fulfillment activities. It can be used to eliminate paper and

unnecessary manual activities through automation and efficient electronic management rules

and data. It can also be used in decision making for the applicant based on the credit records

derived from the credit bureaus.

**Responsibilities**

* Developed spring daemons for different modules involved in the process of publishing documents.
* Participated in Scrum Meetings.
* Developed High level and detailed level design documents based on business requirements provided.
* Designed interactive static HTML using **HTML5 and CSS3** as **screen level prototype, JavaScript** for client side validation.
* Used core JAVA to implement data Structures including linked lists, stacks, queues, trees, hash tables and different sorting and searching algorithms.
* Used RESTFUL in conjunction with Ajax calls using **JAX-RS** and **Jersey**.
* Designed and developed the Application using **spring and hibernate frame work**.
* Enable DS Authentication for the web Service APIs’ to make it accessible only for valid users by using **spring Interceptors.**
* Implement **Spring AOP** for logging to avoid code redundancy
* Developed **DAO and service layers** using the **Spring Dao** support and **hibernate ORM mappings**.
* Developed **ATG components** (form handler, droplets, managers) according to business needs
* Developed **SOA** composites using various service components Using **AWS Cloud Watch performed Monitoring**, customized metrics and **file logging**.
* Created interactive websites and website features using **JavaScript** and **JQuery/JQuery UI.**
* Wrote Page level code using **JavaScript** with **Angular.js** framework along with **JQUERY** and other **JavaScript libraries**.
* Develop **JUnit test cases** for all the functional flows in the application, Passes all test cases successfully.
* Developed the web application using **Structs Framework.**
* Developed and implemented **Swing, spring and J2EE** based MVC (Model-View-Controller).
* Used **Java applet** and **Swing components** to upload multiple files to the server, where traditionally only one file can be selected for the upload.
* Handled response data from **RESTFUL web services** using **XML, JSON** and **JQuery** to update UI Interacted with java controllers (**JQuery, Ajax**, and **JSON** to write/read data from back end systems).
* Used Eclipse IDE for development, configured and deployed the application using **ANT, and tested** using **JUnit.**
* Developed several REST web services supporting both **XML and JSON** to perform tasks such as remote thermostat and demand-response management. **Restful web services** leveraged by both web and mobile applications.
* Created **Jenkins** jobs and running the jobs to check for any build issues.

**Environment:** Java 1.6, JavaScript, spring 3.x, Hibernate3.x, JUnit, Eclipse, Tomcat, UNIX, Oracle, JSF,HTML, XML, Spring MVC, Hibernate 3.0, Log4j, Web Sphere 6.1, REST Services, Angular JS, JQuery, Jenkins, JAX-RS, JAX-WS.

**Liberty Mutual Dallas, TexasJun 2013- Nov2014**

**Senior Java Developer**

**Description:** RAMP provided an interface for Insurance Agencies, Agents and Marketing Companies. Through this interface,agencies can set up appointments with the State Department of Insurance and get the licenses for agencies. RAMP also, provided web services to different business clients. These clients can search for agencies, agents irrespective of their status and their location etc. This system is developed as a three-tier web application with Oracle as backend using HTML, JSP, Struts framework, web services and deployed on Web Sphere Application Server.

**Responsibilities**:

* Involved in various phases of **Software Development Life Cycle** (SDLC) such as requirements gathering,modeling, analysis, design, development and testing.
* Generated the use case diagrams, Activity diagrams, Class diagrams and Sequence Diagrams in the designphase using Star UML tool.
* Developed the User Interface using JSP including frameworks Struts, Java Server Faces (JSF) 2.0 and AJAX. UsedAJAX and JavaScript for Server side/client side validation.
* Used Design Patterns like **Singleton**, **Factory**, **SessionFacade**, **ServiceLocator**, and **DataTransferObject.**
* Used spring frame work AOP features and JDBC module features to persist the data to the database for fewapplications. Also,used the **SpringIOC** feature to get the Hibernate session factory and resolve other beandependencies.
* Developed the persistence layer using Hibernate Framework by configuring the 1:1/1: M /M: N mappings in thehibernate mapping files and created **DAO** and **PO.**
* Used **JAX-WS** for building of Web Services. Also, developed the web service client applications to test the webservices. Tested the web service using **SOAPUI.**
* Done thorough code walk through for the team members to check the functional coverage and codingstandards.
* Actively involved in writing **SQL** using **SQLquerybuilder.**
* Used Tortoise SVN to maintain the version of the files and took the responsibility to do the code merges frombranch to trunk and creating new branch when new feature implementation starts.
* Used **DAO** pattern to retrieve the data from database.
* Used **SAX** and **DOMXML** parsers in the application.
* Worked with **WebSphere6.1** application server that handles various requests from Client
* Developed test cases using **Junit.**
* Developed the build scripts using **ANT.**

**Environment**: Java, EJB 3.0, Hibernate 2.0, Spring, Servlets, XML, Tortoise SVN, JSP, MVC, J2EE 1.4, JUnit, JSF, ANT, Web Sphere 6.1, AXIS 1.2, UML, SOA, JAX-WS 2.0, Sun Metro stack, SOAP UI,Log4J, SOAP, DOM, SAX, Oracle 10g, WSDL, JavaScript AJAX, JIRA and RAD 7.5.

**SunTrust Bank, Atlanta, GA Jan 2012- May 2013**

**Java Developer**

**Description:** SunTrust Banks, Inc., is one of the nation’s largest and strongest financial holding companies. Through its banking subsidiaries, the company provides deposit, credit, trust, and investment services to a broad range of retail, business, and institutional clients. This project Ecorp business online banking lets you check balances, transfer funds, see images of cancelled checks, view previous checking and finally to set your own security levels. As a developer extensively involved in developing almost all the modules required in the project and coordinated with other team members in order to design the application.

**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.
* Involved in designing the user interfaces using JSPs.
* Designed front end using **HTML, HTML5, CSS3 and Java Script**.
* Used the functionalities to write code in **HTML5/HTML, CSS3/CSS, Angular.js, JavaScript, JQuery, Ajax, JSON, and Bootstrap** with **MySQL** database as the backend.
* Implemented queries using **Oracle 10g, PL/SQL and SQL Server 2008**.
* Developed the application using **Spring Framework** that leverages **classical Model View Layer** (MVC) architecture.
* Developed the application **using Spring Framework that leverages classical Model View Layer (MVC) architecture.**
* Involved in the design, development and maintenance of the Front-end for the application using **JSP, JSTL**, Custom Tags and have strong **HTML, XML, AJAX, JavaScript** and **CSS** skills.
* Developed and implemented an asynchronous, **AJAX** based rich client for improved customer experience and used **DOJO JavaScript** libraries.
* Extensively worked with **Linux** as the primary Operating System.
* Involved in Creating CRUD operations for MongoDB.
* Involved in writing stored procedures for Backend database.
* Used **JDBC** to interact with the database layer of the Application.
* Implemented **Struts Validation** Framework for **Action Form Validations** and Tiles framework in designing different layouts for the JSP's in the presentation layer.
* Involved in **Design documentation and implementation**.
* Experience in **UNIX Shell Scripting with Java Development**.
* Resolved technical issues reported by Client.
* Responsible for **Documenting Status Reports** in **Payment Transaction Module**.
* Implemented Payment transaction module for the customers by developing all the components using **JAVA, JSP.**
* **Hibernate, Spring environments**.
* Resolved technical issues reported by Client.

**Environment:** Java 1.6, JavaScript, spring 3.x, Hibernate 3.x, JUnit, Eclipse, Tomcat, UNIX, Oracle 9g, Java, J2EE, WCS 6.0, DB2, UNIX Shell Scripting, Service Now, HPSD, Control-M, HTML, JavaScript, JQuery, JSP, UNIX, Windows XP, WebSphere Application Server, MongoDB.

**Reliance Communications, Mumbai, India May2010- Dec 2011**

**Junior Java Developer**

**Description:**Reliance Software Services is an offshore development company providing end-to- end solutions using its proven methodologies based on Reliance CMM Level 4 Guidelines. Reliance Billing Care is the Web-based front office application used by customer service representatives to create and maintain customer accounts, manage their services, and handle customer issues. Reliance Billing care is designed as the front-end application to customer related activities supported by reliance charging and other billing products.

**Responsibilities**

* Analyze client supplied products like Business Requirement Document (BRD), business rules and business integration specification.
* Designed front end using **HTML, CSS3 and Java Script**.
* Co-ordinate with offshore and onsite team to understand the requirements and prepare High level and Low-level design documents from the requirements specification.
* Coding for the development of various functionalities.
* Ensuring the overall quality of the project.
* Prepare **Unit Test Specification**.
* Resolving **Issues/Disputes**.
* Conduct quality reviews of code using ASSENT tool.
* Used Clear Case for Version controlling files and RAD for development.
* Configured and **used Log4j & JUnit** for **debugging, testing** and maintaining the system state.
* Implemented the application using the concrete principles laid down by several design patterns such as MVC, Business Delegate, Session Facade, Service Locator, Data Access Object, Singleton and Factory
* Designed and developed interactive static HTML screens as screen level prototype, JavaScript for client side validation.
* Developed **XML Web Services** using **SOAP, WSDL**.
* Used XML parser APIs (SAX) in the web service's request response data marshalling as well as un-marshalling process
* Created Test cases, performed testing using **JUnit, Selenium** and documented the process.
* Involved in performing **unit testing** using JUnit to test the **web service calls**.
* Developed and Deployed the Application on Eclipse IDE and Tomcat, JBoss Application and Web Servers.
* Involved in Writing service methods and **SQL queries, PL/SQL** to interact with the **Oracle 10g**.
* Installed and configured Eclipse and Maven for development.
* Involved in designing **Use Cases, Class diagrams, Sequence** and **Collaboration diagrams** utilizing **Unified Modeling Tools(UML**) such as **Rational Rose**.
* Hands on experience on Software Configuration Management (SCM) tools such as SVN, CVS.
* Created unit test packages using JUnit.

**Environment:** Java, J2EE, WCS 6.0, DB2 Client, Quality Center, Clear Case, Clear Quest, HTML, CSS, JavaScript, JQuery, JSP, Ajax, Web services, JUnit, JSON, RAD, DB2, WebSphere Application Server, FileZilla, Apache ANT, Selenium.