**Sravanth K**

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Summary:

* Having around 7+ years of IT experience in Analysis, Design, Code Review & Integration and Developmentof Multi-Tier distributed applications using Java and Technologies.
* Experience in developing Java/J2EE, Hibernate, JSF and Struts, Applications forindustries including E-Commerce, Pharmaceutical, Banking and Service Sectors.
* Followed agile methodology involving daily scrum meetings to track & optimize Sprint progresses.
* Experience in Design, Development and Implementation of multi-tier web applications using Object Oriented methodologies and design patterns including MVC, Session Facade, Business Delegate, DAO, ORM.
* Actively involved in requirement gathering, analysis, design, reviews, coding, code reviews, Unit and Integration testing.
* Good in various open source frameworks and tools like Struts, spring, hibernate.
* Expertise in Core Java, Servlets, JDBC, Collections framework, REST & SOAP Web-Services, Hibernate, JPA, Spring.
* Experience in using springfor MVC and Dependency Injection and in-depth knowledge of the innerworkings ofSpring framework.
* Extensive development of web applicationsemploying MVC design pattern using Spring MVC, Struts 2 and Tiles.
* Experience in analyzing applications to develop using standard design patterns including Singleton, Factory, Chain-of-Command, Builder, Object Pool, Adapter, and Observer.
* Expertise in implementing Service Oriented Architecture (SOA) in SOAP/RESTful web services.
* Data Transformations using Mule ESB.
* Currently working on Apache Cassandra, Apache Kafka, Apache Spark, Apache Storm and Hadoop Map Reduce.
* Extensive Experience in Java Persistence **API.**
* Integrated Salesforce and other external applications usingSalesForce.com SOAP API.
* Worked oniPaaS (Mule Soft), a platform for building and deploying integrations within the cloud and between the cloud and the enterprise.
* Extensively used Mule ESB components like File Transport, SMTP Transport, FTP/SFTP Transport, JDBC Connector, and Transaction Manager.
* Proven ability in quick understanding and learning of new technologies and their application in business solutions with strong communication skills and can work under pressure in achieving organizational goals.
* Proficient in writing Callback style JavaScript APIs employing Object Oriented Design as well as standard Scripting.
* Strong in developing front-end applications using **HTML5, CSS3, JavaScript, JQuery, Bootstrap, XML, XSL, XSLT, Angular JS, Backbone JS, Node JS, Ext JS, React.js, D3.JS, Responsive design and MVC frameworks**.
* Created **Mule ESB** based tooling suite for handling **message transitioning, validation, enrichment** and routing to upstream and downstream entity data consumers.
* Extensive experience with **JavaScript** libraries such as **jQuery**, AngularJS, EXTJS.
* Knowledge in using Package Managers like **NPM** and **Bower**. Experience in using Task managers like **Grunt, Gulp.**
* Experience in design and development of **Restful JAX-RS** Web-Services using **Jersey** and **Spring REST**.
* Experience in **Restful** consumption frameworks using **JavaScript** libraries such as **AngularJS, EXTJS** and **jQuery.**
* Expertise in Service Oriented Design & Implementation of Web Services involving **WSDL, XSD, JSON** and **XML.**
* Experience in developing Java modules as **OSGI** compliant Component Service models using **Apache Felix.**
* Strong Hands on Experience in configuring **JMS Queues** and Topics using **IBM MQ** Series and **Apache ActiveMQ.**
* Hands on experience with various Application and Web Servers including **Web Sphere, Web logic, JBoss, Apache Tomcat** with wide variety of development tools like **Eclipse, IBM RAD, Eclipse, IntelliJ IDEA and Net Beans.**
* Hands on experience with Relational Database Management Systems including **MySQL 5.0, Sybase, Oracle 9i/10g and DB2.**
* Architecting Big Data solutions using Hadoop ecosystem, Lambda Architecture, ELK stack. Hands on with writing Map-reduce jobs, Pig scripts, Kafka, Storm for prototyping purposes.
* Experience in designing data models for **NOSQL** databases including **MongoDB**and **Apache Cassandra.**
* Expertise in **Windows Azure**to deploys the application on the cloud.
* Expertise in Managing sessions in Windows **Azure Cloud**.
* Experience in developing **DAO** layer using **Spring Data** for **MongoDB**.
* Experience in writing **Spring Batch** and **Quartz** jobs to perform data analysis on a scheduled basis.
* Hands on experience in developing **Web Socket Service** on Apache Tomcat using **JAXWS** and consuming the service using **JavaScript Web Socket API**.
* Good programmer in Unix Shell scripting (particularly ksh and bash)
* Experience using a code deployment tool, such as Urban Code, Chef or Docker Containers **a plus.**
* Hands on experience in developing applications employing Test-Driven Development process.
* Proficient in writing **SQL, PL/SQL**.
* Experienced in generating logging by Log4j to identify the errors in production test environment and experienced in Ant, Maven and **Gradle** tools.
* Hands on experience in writing **Stored Procedures, Triggers, Functions** and **Packages** besides writing standard **DDL** and **DML** queries.
* Hands on experience in configuring and integrating logging frameworks such as **Log4J** and **SLF4J**.
* Experience using Version Control Systems including **GIT, SVN, TFS** and **CVS**. Experience branching and rebasing using **GIT**command line tool and **GUI** tools such as **Source Tree** and **GitEye**.
* Experience with automating build process using **Gradle, Maven, ANT**.

##### **Technical Skills:**

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| **Languages** | **:** | Java 1.6/1.7, JavaScript, SQL, PL/SQL, DOS, Shell scripting, Kafka. |
| **Technologies** | **:** | JSP, Servlets, Mule ESB, Spring 2&3, Struts 1&2, EJB 2&3, OSGI, JDBC, Hibernate, Spring Batch, Quartz, Restful, SOAP, JMS, JAXB, JAXP. |
| **Web Technologies** | **:** | AngularJS, JQuery, HTML, HTML5, JavaScript, Ajax, XML, XSL, XSLT, CSS |
| **Development Tools** | **:** | Eclipse, IBM RAD, Anypoint Studio, IntelliJ IDEA, Net Beans, TOAD, Squirrel SQL, Source Tree, GitEye |
| **Application Servers** | **:** | Tomcat 7/6, Web Logic 10/9, Web Sphere 7/6 |
| **Design Patterns** | **:** | MVC, Front Controller, Session Facade, Singleton, Factory, Adapter, Object Pool, Builder, Chain-of-Command, Business Delegate and DAO patterns |
| **Database** | **:** | Oracle 12c/11g/10g/9i, MS SQL Server 2008/2005/2000, MySQL5.1, DB2 9.1, MongoDB, Apache Cassandra. |
| **Testing Tools** | **:** | JUnit, Test NG, Selenium. |
| **Version Control** | **:** | GIT, CVS, SVN, TFS and Rational Clear Case. |
| **Methodologies** | **:** | Agile, Waterfall |
| **Build Tools** | **:** | Ant, Maven, Docker |
| **Cloud Platforms** | **:** | Windows Azure |

**Professional Experience:**

**Bloomberg L.P, New York, NY Jan 2016 - Till Date**

**Role: Sr. Java Developer**

**Description**: Bloomberg L.P is a financial Software, data and media company. Which provides the financial software tools for data service and analytics and equity trading platform? The project is about the stock market maps. The stoke prices vary over time and their modeling in done. The project is also concentrating on the investor profiles which changes over time and they are also represented in mapping a stock to the number of shares owned.

**Responsibilities:**

* Revamped existing Struts based application to Spring MVC.
* Integrated spring to utilize dependency injection for application wide modules.
* Using Spring MVC on the frontend utilized JSTL tags, Spring tags and Spring validation framework.
* Designed and Documented Restful Web Service to convert Data retrieval HTTP requests to return data in standard JSON and XML.
* Using Docker, Jenkins, VMware, RHEL, Satellite, OpenShift, Kubernetes, Artifactory, Ansible & GitLab
* Developing Docker images to support Development and Testing Teams and their pipelines; distributed Jenkins, Selenium and Jmeter images, and Elastic search, Kibana and Logstash (ELK & EFK) etc.
* Developing scripts for build, deployment, maintenance and related tasks using Jenkins, Docker, Maven, Python and Bash
* Implemented Restful Web Service using Jersey 2.
* Introduced AngularJS to employ MVC in the frontend to perform DOM manipulation and Restful Service consumption.
* Created Unix shell script utilities for parsing or reformatting user data and compiling user information reports for various support purpose.
* Integrated Apache Kafka for data ingestion
* Employed design patterns and implemented corresponding modules for ORM and DAO layers.
* Introduced Spring AOP for logging and implement Database transactions.
* Responsible for planning, installing, and supporting AWS infrastructure.
* Worked on AWS - Amazon Cloud - EC2 (Security Groups, Elastic IP's, Load balancers, Auto scaling groups, Placement Groups), S3, Elastic Bean Stack, Direct Connect, VP3, Route 53, Cloud watch, OpsWorks& IAM.
* Implemented JAXWS based Web Socket service using Tomcat JAXWS implementation to replace Ajax polling the server.
* Designed and implemented MongoDB based data model for log messages in the application.
* Used Spring ORM with JPA/Hibernate for data persistence.
* Writing application code and development activities for large projects especially in a SOA environment with Mule ESB 3.4.
* Extensively used Mule ESB components like File Transport, SMTP Transport, FTP/SFTP Transport, JDBC Connector, and Transaction Manager.
* DAO layer implementation using JPA and DB connector of Mule ESB 3.4.
* Developing and securing CXF web services in Mule ESB.
* Used Maven to build the application and Hudson Build is used to compare the versions.
* Involved in JUnit testing using Mockito & Power Mockito, SOAP UI testing, Integration testing, and smoke testing etc.
* Wrote TestNG Suits to run Unit Tests for the corresponding modules.
* Involved in writing complex SQL Queries and used Joins & aggregate functions to access data from the database.
* Used ANT, Maven and Gradle scripts for building and deploying the application in web/App servers.
* Experience in Gradle Build tool and understanding the Artifactory and repo structure.
* Profiled application to find performance hiccups in the application.
* Involved in creation, preparation, and conduct of quality assurance reviews and the development and execution of test plans & test scripts for ACH Payments Beneficiaries.
* Provided development Support for System Testing, User Acceptance Testing and Production support.
* Configured Jenkins instance to automate project builds.

**Environment**: Java, J2EE, Spring, Hibernate, AWS, JPA, Docker,Unix shell Scripting, Restful Jersey, Struts, Oracle 10g, Apache Tomcat 7, Gradle, TestNg, AngularJS, jQuery.

**Progressive Insurance, Bloomington, IL Apr 2014 – Dec 2015**

**Role: Java Developer**

**Description**: The application provides comprehensive information concerning various types of Insurance coverage offered by Progressive. The website functionality was extended by providing the customers to login and performs online transactions like paying bills online and updating their insurance policy. The website was redesigned to provide customized information for the end users.

**Responsibilities:**

* Front end Development work on a provisioning tool that grants users access.
* Created various testing Unix shell scripts, and provided the project documentation.
* Implemented the major part on Security development – making sure password management is safe, making sure apps are safe.
* Used Spark-Streaming APIs to perform necessary transformations and actions on the fly for building the common learner data model which gets the data from Kafka in near real time and Persists into Cassandra.
* Configured deployed and maintained multi-node Dev and Test Kafka Clusters.
* Worked on deploying the application on the Azure cloud.
* Delivered technical solutions and specifications onAzure and including development architecture, integration architecture, and deployment architecture.
* Extensive experience in Point of Sale System for Macy's Store.
* Worked on AWS platform and its dimensions of scalability including VPC, EC2, ELB, S3, and EBS, ROUTE 53.
* Developed inventory control system using a series of flat files and added main menu and an inventory report export option which exports the inventory into CSV format.
* Developed application using Mule ESB and build and deployed the services using Jenkins.
* Experience with Orchestration, Routing, Transformations, Messaging and testing with Mule ESB.
* Implemented synchronous and Asynchronous messaging scopes using Active MQ in Mule.
* Involved in Web Logic server configurations, Data Sources, Connection Pooling, MQ Series Queues set up for messaging and deploying the apps on different servers in different env.s like QA/IST/Production.
* Involved in creating JUNIT test cases and ran the TEST SUITE using EMMA tool.
* Designed and documented REST APIs, including JSON data formats and API versioning strategy.
* Automated the build process and ensured quality using Jenkins, JUnit, and Maven.
* Developed EJB based JAX-WS Web Services and Jersey REST based Web services associated with business modules integration.
* Worked on providing one click deployments of application using Jenkins configuration, BASH scripting.
* Developed a RAML based REST web service API's using Mule ESB.
* Used Log4J components for logging. Perform daily monitoring of log files and resolve issues.
* Involved in fixing defects identified in QA and IST phases. And tracked QC status as per the guild lines.
* Involved in doing Unit testing using MOKITOand also Integration testing.
* Involved in peer & lead level design & code reviews.
* Used Maven for automating the build process.
* Extensively used Git command line for branching and rebasing.
* Extensively Involved in Data Acquisition, collecting the raw data from server and loading to the databases.
* Coded the frontend Applications using Spring Tag-libraries, and involved in Data modeling and Data mapping tasks.
* Implemented Struts Framework for the front end and used Action Controller, Action Form, Dyna Action Form, Validation Frame Work, Struts-Tiles, Struts Tag Libraries.
* Worked on the UI for the Application using JavaScript libraries such as AngularJS andjQuery.

**Environment:** Java, J2EE**,** Struts, AWS, jQuery, Unix Shell Script, Restful Jersey, Spring, SOAP, AngularJS, XML, Git, JUnit, JBOSS, Maven.

**British Petroleum, Houston, TX Oct 2012 – Mar 2014**

**Role: Java Developer**

**Description**: British Petroleum is mainly focused in oil and gas company and that delivers value over volume. British Petroleum pursuing our strategy by setting clear priorities, actively managing a quality portfolio and employing our distinctive capabilities. The project is an in-house project which deals with statistical analysis of oil. This is called as Reporting project (RP). Where the analysis and statics are shared with the federal Government annually.

**Responsibilities:**

* Responsible for managing scope, planning, tracking, change control, aspects of the project.
* Front End User Interface Design - Used Spring Framework, HTML, CSS, JSP, JavaScript, XSL.
* Developed JMS messaging service using Apache ActiveMQ.
* Developed interactive web components using Ajax.
* Developed Action Classes using Struts Framework.
* Prepared design TSD document with Sequence Diagrams, Class Diagrams using Microsoft VISIO tool.
* Involved in doing analysis on DB Schema as per new design in DB2 from Oracle.
* Implemented Java code and design as per the Arch and coding guidelines.
* Used JSF/Prime Faces UI components to develop UI interface screens.
* Used Spring framework to inject services, entity services, transaction management, and concerns by factory class corresponding to the use case operation executing.
* Involved in using spring concepts - DI/IOC, AOP, Batch implementation and Spring MVC.
* Involved in Declarative transaction management using spring AOP.
* Created WSDLs as per wire frames, UI pages & generated client jars using JAX-WS.
* Used Apache CXF to create SOAP based &Restful web services.
* Involved in creating internal & external services, Entity services and handlers.
* Involved in defining JRules that are defined for resources to show details on UI pages.
* Involved in writing SQL queries & PL/SQL - Stored procedures, function, triggers, cursors, object types, Cursors, sequences, and indexes.
* Involved in Web sphere server configurations, Data Sources, Connection Pooling, MQ Series Queues set up for messaging and deploying the apps on different servers in different env.s like QA/IST/Production.
* Deliver new and complex high quality solutions to clients in response to varying business requirements.

**Environment:**Java, J2EE, Spring, jQuery, Ajax, Hibernate, Oracle 10g, Apache ActiveMQ, RAD 8, Web Sphere 7.0.

**United Parcel Services, Whippany, NJ July 2011 – Sep 2012**

# Role: Java Consultant

**Description**: The Customer Request Management (CRM) system is an application built for the Wholesale Service Delivery centers to help them manage service requests from wholesale customers. CRM provides these centers with a consistent, single point of contact to monitor, track, and report on the progression of a service request through the order generation, provisioning, and billing process, interfacing with other service delivery applications such as IMA (INTERCONNECT MEDIATED ACCESS) and request flow through engines. Apart from this CRM application is used to document and track reported issues from customers or internal business units. These issues are documented into tickets which get assigned and worked to completion by Service Delivery Representatives.

**Responsibilities:**

* Implemented new logic to accept orders from upstream applications with new product information.
* Implemented logic to fix production issue in the Messaging Queue where bad messages appear to be stuck.
* Implemented new functionality using Ajax to display number of unassigned tickets on the welcome screen that polls Server periodically.
* Implemented new functionality to poll emails from server mail box in regular interval. Implemented parsing of emails & storage in database and sending reliable acknowledgement emails in response.
* Developed Custom Tags to simplify the JSP code. Designed UI screens using JSP, Spring tags and HTML. Used JavaScript for client side validation.
* Developed the Servlets for processing the data on the server.
* Employed Water Fall Model and best practices for software development.
* Deployed the application in Web Sphere Application Server.
* Compiled and build the application using ANT and deployed the application and used CVS as version Control.
* Developed backend (server side) in Scala.
* Migrated the application server from Jbossto Web Sphere(WAS).
* Implemented Java Messaging Services (JMS) for asynchronous messaging using the Message Driven Beans. Used Message Driven Beans to call the EJB.
* Used spring framework for Dependency Injection (IOC), Aspect Oriented Programming (AOP) and integrated with Spring MVC framework.
* Monitored the error logs using Log4J and fixed the problems.
* On-site - Offshore coordination.

**Environment:** Java, J2EE Spring, Oracle 9i, XML, HTML, Ajax, UNIX Shell Scripting, MQ and Tibco, Web logic Server, Log4J.

**Lexmark - Lexington, KY Nov 2009 – Jun 2011**

**Project: LDD/Image Now Integration.**

**Description**: Lexmark Document Distributor (LDD) is a system for capturing paper documents into digital format, or capturing existing digital documents and then processing these documents according to our business processes. LDD has several components tied to it such as installer, solutions, apbundle, e-mail watcher etc. Lexmark Management control (LMC) an UI portal for LDD, which is built in Lazlo. After a document is captured it enters Image Now Explorer. Perceptive Client Framework is used to integrate LDD and Image Now.

**Responsibilities:**

* Successfully implemented SSO in front end applications and related Web Services.
* Involved in developing the application using Java/J2EE platform.
* Implemented the Model View Control (MVC) structure using Struts.
* Designed, developed and enhanced front-end GUIs with the implementation of SAML.
* Designed WSDLs and elaborated type of definitions & schemas based on corporate standards.
* Developed the enterprise authentication module to identify the employee.
* Developed authorization module within the enterprise implementation that can check whether the authenticated user has the necessary privileges to access the resource.
* Implemented Kerberos key distribution center (KDC) to issue service tickets.
* Implemented the web services and associated business modules integration.
* Implemented ORM/JPA layer using Hibernate.
* Developed Mobility SSO in the mobility application development environment to work with authentication and mobility network subscriber identification.
* Involved in developing WSDL based View pages manually.
* Used Spring framework for invoking the application service components at runtime
* Used WSDL, SOAP, AXIS, JAX-WS, JAXB technologies to create web services, generate stubs and consuming the existing services.
* Tested SOAP web services using SoapUI.
* Requirements analysis and technical feasibility analysis.
* Used TOAD, SQL Developer for internal data storage and retrieval.
* Utilized external tools like Putty, SSH, M-Remote, SFTP, FileZilla, WinScp to work with remote files and connecting to remote systems
* Analyzed production outages and created Root Cause Analysis reports.
* Install software, deploy application and manage (currently managing more than 40 customer apps).
* Implement server security using SSL certificates, server optimization as per customer requirements.
* Install SSL certificates and configure web server with load balancer.
* Performing database upgrades, migration and manage & administer the database server.
* Provide support to Consulting and Support teams during project implementations
* Applying fixes, product upgrades during the pre-defined maintenance windows.
* Involved in tracking defects using QC & unit testing using JUnit with Mockito.
* Involved in building the code & deploying on Web sphere server.

**Environment:** Hibernate, Struts,Spring, Ant, Restful, SVN, Web logic 8.1, oracle 9i.