**SANDEEP KUMAR**

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# Professional Summary:

* Over **8+ years** of IT experience in developing, deploying and maintenance of **Object Oriented** and Web-based Enterprise applications using Java/J2EE and Client-Server technologies.
* Involved in full life cycle of Software Development process including requirement gathering, design, development, implementation, testing and maintenance.
* Extensive experience with both core and advanced Java technologies which includes Java, XML, JavaScript, JEE,JSP, EJB, JDBC, Struts, Struts2, Servlets, JMS, JSF, JSF My Faces, Rich Faces, Prime Faces, Ice Faces, JPA, Java API for XML Web Services, **Spring** and **Hibernate**.
* Experience in Design, Development and Integration of Enterprise Applications using **JDBC**, JNDI, RMI, EJB, JMS, JSTL, JTA Java Mail, Java Beans, JAXB and **Web Services**.
* Extensive knowledge and implementation skills in **Spring MVC framework**, JSF Framework.
* Proficiency in various Core Java concepts such as **Threads**, **Exception Handling**, **Collections** to implement various features and enhancements.
* Experience in using technologies like **XML**, **XSL**, **DOM**, **SAX**, **XSLT**and **XSD** Schema.
* Good exposure to UML methodologies involving **Use cases, Sequence Diagrams, Activity Diagrams, Class Diagrams.**
* Skilled in developing UI using **HTML**, DHTML, **JavaScript**, CSS, JQuery, AJAX, Angular-JS, **Bootstrap** and Dojo Components.
* Implemented POC for Notifications and Appointment module using RESTful Micro Service using Apache Camel framework using Java 8.
* Extensive experience in using various design patterns such as MVC (Model-View- Controller), **Singleton**, Session Facade, DAO, DTO, ORM, Service Locator and Business Delegate in the development of Multi-Tier distributed Enterprise Applications.
* Hands on Experience developing **SOAP and REST web services** in Java using JERSEY and **APACHE CXF.**
* Hands-on experience in Consuming RESTful services using AJAX (Angular http, resource and jQuery) to exchange (request / responses) information with databases such asMySQL and Oracle
* Implemented SOA architecture with web services using REST, SOAP, WSDL, UDDI and XML.
* Extensive experience in various Agile methodologies like Test Driven Development (TDD) and **SCRUM**.
* Strong Hands on Experience with IBM MQ, Active MQ Series and JMS for communications between middleware components.
* Experience in using **ANT and Maven** for build.
* Worked on version controls like **CVS, SVN, PVCs, TFS, GIT** and good exposure to IDE tools **like Eclipse, Spring Tool Suite, Net Beans, IntelliJ.**
* Good knowledge on application builds and deployments using **Hudson/Jenkins**
* Experience in installing, configuring, tuning Web Sphere, Web Logic, Apache Tomcat, and JBOSS. Hands on experience with various Application Servers and Web Servers including IBM Web Sphere, BEA Weblogic, JBoss, Tomcat server with wide variety of development tools like IBM WSAD/ RAD / RSA.
* Having good RDBMS concepts knowledge and worked with MySQL 5.0, Oracle 9i/10g, SQL Server.
* Proficient in SQL, PL/SQL developed Stored Procedures, Triggers, Functions and Packages besides writing DDL, DML and Transaction queries with development tools like TOAD and Rapid **SQL**.
* Hands on experience with Oracle databases and writing complex SQL queries, writing **Stored Procedures**, Functions and Triggers and performed complex database related operations.
* Good Knowledge working with Non-Relational Databases **like Mongo DB, RIAK**.
* Hands on experience in java application testing using **JUNIT** and Mock framework for unit testing and System testing and also involved in Troubleshooting, Problem solving and Bug fixing.
* Involved in developing Test plans, Test Cases (Manual/Automated), Test Procedures and white-box and black-box testing
* Worked on different platforms like **Windows, UNIX and LINUX.**
* Good experience with analysis of the user needs documentation and translation into proper system requirement specifications and working under tight schedules and capability to adapt New Tools and Applications.
* Highly **self-motivated** with strong analytical, communication skills and ability to perform well in high pressure environment, ability to work independently and in team atmosphere and good co-coordinator in interacting with various teams to work in collaborative environment.
* Requirements analysis, and Design, Development, Testing, Deployment and production support of software

applications.

* Good team player with ability to solve problems, organize and prioritize multiple tasks. Excellent communication and inter-personal skills.

###### Technical Skills:

**J2EE Technologies :** JDBC, Servlets, JSP, JSTL, JSF, EJB, JNDI

**Framework and Tools :**  Jakarta Struts, Hibernate, Spring, Ant, Maven, Log4J, JUnit, Mock, J2EE, Design Patterns, jQuery

**Programming Languages** **:** Java, C, C++, SQL and PL/SQL

**Web Technologies** **:** XML, XSLT, SAX, DOM, JAXB, SOAP, JavaScript, HTML, CSS,DHTML, REST, JAX-WS, JAX-RS, AJAX

**SOA Technologies**  : SOAP, REST, WSDL, UDDI, JAX-WS, JAX-RS, Apache CXF, Apache Axis

**Web servers** **:** IBM WebSphere, Weblogic, Apache Tomcat Application Server, JBOSS

**IDE Tools** **:**  IntelliJ, Eclipse, Net Beans, EditPlus

**Databases** **:** Oracle 8i/9i Oracle 10g/11g, DB2, SQL Server 2000, Informix DB

**Operating systems** **:** Windows 98/NT/2000/XP/7, UNIX, LINUX

**Design/ Version control** **:**  UML, Rational Rose, CVS, SVN, PVCS, and GIT

**Methodologies** **:** Agile (Scrum and Kanban), Water Fall

**Others :** HP Quality Center, SOAP-UI, Postmaster

**Professional Experience:**

**State Farm, Bloomington IL**  **Oct 2015 to Till**

**Role: Java Full Stack Developer**

**Description:**

This project was developed to help the agent and their team members with their day in and day out process using a single, holistic application. Enterprise Customer Relationship Management(ECRM) project enables the agents to access the applications using the Salesforce application, which is a single point to maintain all the customer, marketing and core features. We built more meaningful and lasting relationships and connected with the customers across sales, customer service, marketing, communities, apps, analytics etc.

**Responsibilities:**

* Designed, developed, and tested new and/or modified existing web based applications in languages such as Java, J2EE.
* Implemented **functional programming** using java 8
* Handled migration of applications from Spring web applications to Spring boot applications to meet business and technical requirements
* Analyzed the technical and business requirements, including functional and non-functional requirements, to develop a systems solution
* Worked closely with business partners to understand business requirements to design quality technical solutions that align with business and IT strategies and comply with the organization's architectural standards
* Written and tested the Test Driven Development (TDD) and advanced Test Driven Development (ATDD) Scenarios using cucumber for E2E testing
* Conducted various proof of concepts on new technologies and work with senior architects to develop recommendations that align with State Farm's IT strategy
* Provided system software support for State Farm web applications and components
* Maintained a current understanding of how technology can enhance and offer a range of solutions for business partners
* Resolved problems that result in a decreased time to market; improves quality, enhances flexibility, and embraces the solution provider mindset
* Designed, developed, and tested the creation and/or maintenance of web based applications
* Maintained solid relationship and strategic partnering skills with business partners, team members, and external associates
* Worked in designing, development and delivery of the projects.
* Interacted with business users and participated in meetings to gather functional and non-functional requirements with business experts.
* Developed User Interface presentation using Bootstrap, Javascript, JQuery and CSS.
* Implemented client-side validations using Spring Form validators and JavaScript.
* Worked on creating Database Tables. Used pgadmin to access postgres data and IBM Datasource Explorer to access DB2 data.
* Used Spring to create mappings.
* Implemented the application using the concrete principles laid down by several design patterns such as MVC-2, Business Delegate, Session Façade, Service Locator, Data Access Object, and Singleton.
* Extensively used Spring JDBC in data access layer to access and update information in the database.
* Consumed SOAP protocol.
* Developed SOAP services to create records such as campaigns, leads, campaign members on Salesforce.
* Developed REST project for Salesforce application to consume using apache framework.
* Handled Source Code using GIT and SVN. Used Jenkins as the build tool.
* Sent emails by using Spring Java Mail
* Worked with Testing Team to ensure complete test coverage of customizations by creating unit test cases and executing them.
* Analyzed and run Impact Analysis.
* Involved in major Releases and monitored Production logs and provided Production Support. And supported the various integrations with vendors.

**Environment:** Java 8, STS, Spring Framework, Maven, CSS, TDD, Apache CXF, Spring JDBC Template, TTD, Apache Tomcat, Postgres, RSA, IBM WAS, ANT Build Tool

**Wells Fargo, Des Moines, IA** **Aug 2014 to Sep 2015**

**Role : Java J2ee Developer**

**Description:**

Wells Fargo Financial is nation’s largest lenders and servicers of residential real estate loans and lines of credit. The CORE Program – Common Opportunities, Results and Experience – focuses on innovation in processes and technology to reduce cost and complexity, better leverage our skill and scale, and enable a better response to market and volume changes.

**Responsibilities:**

* Extensively involved in business users requirements gathering and technical walk-throw
* Extensively worked in different modules of the CORE application such as DocGen, Product and Pricing,
* Closing and Funding, Prepaid, Asset and issuing the Mortgage Loans
* Involved in creating the process flow and business flow of the application using Business Process Diagrams
* Implemented DocGen business process flow, work flow and Expere System web services
* Implemented **Stream Collections** using java 8
* Implemented document imaging and management using Repository Framework content management
* Used Rational Application Developer for coding, debugging and testing the application modules
* Used different user interface technologies JSP, HTML, GWT, CSS, JavaScript for developing the GUI of the application
* Implemented AJAX calls for asynchronous data transfer using XmlHttpRequest object
* Developed Action classes, Form bean classes and Struts config file using Struts framework
* Developed the application Resource bundle for display messages and implemented validations using Struts Validations framework
* Implemented the application modules using Spring Core layer(IOC), Spring Security, Spring AOP, Spring
* ORM layer and Spring DAO support layer in order to develop the application
* Implemented Spring Services to perform specific business operations using Dependency Injection
* Followed Test Driven Development (**TDD**) and wrote server-side test cases using **JUnit** 4.12
* Used Object/Relational mapping tool Hibernate to achieve object to database table persistency
* Involved in the configuration of Struts Framework, Spring Framework and Hibernate mapping tool
* Worked on Java Messaging Services(JMS) for developing messaging services to interact with different application modules
* Implemented Web Services(SOA) using Apache Axis, SOAP,WSDL and JAX-RS API
* Implemented Business Process Diagrams, Business Flow Diagrams and Business Rules using IBM BPM
* Involved in configuring hibernate to access database and retrieve data from the database
* Developed stored procedures and triggers with PL/SQL
* Implemented the application using Agile development methodology
* Developed Maven and ANT Scripts to do compilation, packaging and deployment in Web Sphere app server
* Involved in code versioning, Check In, Check outs and code merging using Sub-Version
* Used JIRA tool for creating change tickets and handling production bugs and development tasks
* Involved in production support, resolving the production issues and maintaining the application server

**Environment:** Java 8, J2ee, JSP, Servlets, Struts, JSF, Spring, Hibernate, JPA, Web Services, SOAP, WSDL,REST, Apache Axis, Lombardi Teamwork’s, IBM BPM, SQL, PL/SQL, XML, XSD, JAXB, JavaScript, WebSphere 8.x, RAD, HTML, TDD, DHTML, XML, AJAX, GWT, Maven, SVN, SQL Developer, DB2, UML, JUnit,QTP, Log4j, TestNG, JIRA, Hudson, Repository Framework

**Credit Acceptance Detroit, MI** **May 2013 to July 2014**

**Role: Java/J2EE Developer**

**Description:**

CAPS is a web based application used by dealers of Credit Acceptance to process the vehicle loans for the customers. In order to process the application, CAPS will interact with multiple internal systems and also communicates external third party services. It provides following built-in functionalities Account opening, Authentication, Verification, Identification, Risk Management, Credit Scoring, Pre-Approval, Email communication during fulfillment process.

**Responsibilities:**

* Involved in design and development of the application.
* Participated extensively in Data Model designing for the entire application.
* Used JSF Framework to develop the application.
* Used Ice faces for creating and maintaining the uniformity of the client pages.
* Implemented the functionalities using Java, J2EE, Spring and JSF framework with Ice faces.
* Used Apache Camel to incorporate ESB integration across the organization.
* Created a standalone application (Work Number Integration) using Apache Camel
* which would be serving on an ESB to different teams across the organization.
* Configured different camel routes for different teams to accept team specific requests and return team specific responses.
* Test Driven Development(TDD) in entire application development cycle.
* Developed application UI using JQuery, AJAX, JS, JSF, JSP
* Client pages are built using JSF tags.
* Used JavaScript for client side validations.
* Created and used the jars to access the data by using axis.
* Used JPA annotations to create domain objects.
* Used Hibernate as an ORM tool.
* Using **Java 8** for the features Nashorn, javascript engine to execute javascript code.
* Written Stateless session beans to develop service components that comprise core business logic.
* Written Factory, Business Delegate and DTO objects to manage communication between the service tier and presentation tier.
* Developed and debugged the application using Eclipse.
* Used Log4j for writing the logs including errors, warnings, info.
* Used Maven build tool to build different EAR files and to print the server info.
* Worked on web logic server to deploy the applications.
* Created internal web services using SOAP.
* Created Restful web services using Spring and Consumed Restful web services using
* Spring’s Rest Template with JSON as a data format.
* Consumed external web services to support the application.
* Used Spring’s WebService Template to consume SOAP based web services.
* Worked on the JMS queues and configured on web logic server.
* Written Message Driven Beans (MDB) to handle asynchronous JMS communication.
* Used JMS API for asynchronous communication by putting the messages in the Message queue.
* Used HP Quality Center to manage the defects and issues.
* Used SVN to manage the versions and Merge the code.
* Used Hudson for the Continuous Integration builds for different applications.
* Used local nexus repository to download the jars for the applications using Maven.

**Environment:** Java JDK, J2EE,  Spring, JSF, Ice Faces, Apache Camel, SOAP, REST, Jersey, JAXB, JSON, JPA, Hibernate, EJB, Maven, JNDI, Oracle 10g/11g, Ajax, JavaScript, JSP,  XHTML, HTML, CSS, log4j, Eclipse, Oracle, JMS, Hudson, JMS,  Weblogic, SVN, Oracle PL SQL Developer, Dynatrace.

**Sapient, Needham MA**  **Mar 2012 to April 2013**

**Role: Java\J2EE Developer**

**Description:**

Panera Web Ordering is an online retail platform developed using custom Groovy Commerce to enable customers to order Panera bread’s exclusive food menu. It basically has four fulfillment options: Rapid Pick up, Delivery, Order from table and express order. Apart from that the application provides various loyalty programs to its customers.

**Responsibilities:**

* Involved in day-to-day tasks of working with Groovy/Grails.
* Worked as a lead developer in sprint teams in an Agile environment.
* Designed and developed various modules of the application with J2EE design architecture.
* Implemented features like logging, user session validation using Spring-AOP module.
* Developed client request validations and processing using JavaScript.
* Handled code around the intricacies in checkout controller.
* Maintenance of RESTFUL exposed services.
* Developed server-side services using Java multithreading, SPRING MVC, Java, Springs, Web Services (SOAP, RESTful).
* Wrote application front end with HTML, GSP, Ajax/JQuery, and JSTL. Wrote custom JSP tags for role-based sorting and filtering.
* Grails has Dependency Injection comparable to concepts of Spring IOC (Inversion of control) container.
* Worked with Tealeaf and DynaTrace to pinpoint the root causes for Production issues.
* Handled the Sprint releases and provide Retail-tech support.
* Made use of the Custom Config.groovy file for various flexible configurations like server connectivity, etc.
* Used Software development best practices from MVC, Spring, databases.
* Create builds using Bamboo Server platform.
* Develop and execute Unit Test plans using JUnit ensuring that results are documented and reviewed with Quality Assurance teams responsible for integrated testing.
* Provided extensive pre-delivery support using bug fixing and code reviews.
* Perform custom SPLUNK queries to debug production logs for issues.
* Production Support and performing hot fixes.

**Environment:** GGTS, Grails, GSP, JQuery, CXF, GITHUB, AJAX, Oracle, Weblogic, DynaTrace, IBM Tealeaf CX, SPLUNK, Bamboo, JUnit.

**Cardinal Health, Dublin, OH Oct 2010 to Feb 2012**

**Role: Java Full Stack Developer**

**Description:**

Capital Appropriation Request is a composite application developed based SPA Net Weaver platform. It is used by employees of an organization to raise, approve and validate CAR. This streamlines the workflow involved with this type of request.

**Responsibilities:**

* Designed and developed the application using Agile methodology and followed TDD, Scrum, pair programming.
* Wrote Technical design document with the class, sequence, activity diagrams in each use case.
* Designed dynamic and browser compatible pages using Jquery, JavaScript and Angular JS.
* Implemented J2EE design patterns such as Session Facade, Factory, DAO and DTO.
* Worked with Angular JS MVC framework including authoring complex directives, services, controllers and filters.
* Customized Angular JS filters in several locations to get the required output.
* Implemented Angular Controllers to maintain each view data.
* Integrated the service call with UI using $http and $resources which are substitutes for AJAX in angular.
* Developed various reusable Helper and Utility classes that are used across all the modules of the application.
* Designed and developed Business components and Integrated with Spring framework.
* Wrote data Components for Plan Setup, wrote and called StoredProcedures using Java, HQL, Hibernate.
* Involved in configuring and integrating Spring and Hibernate frameworks.
* Involved in design and implementation of MVC architecture in different modules.
* Integrated business layer using Hibernate with Spring DAO.
* Used Angular JS Factories and Services to make Ajax calls or Restful Calls to get data in JSON Format.
* Used Angular JS Directives like ng-app, ng-model, ng-init for initialization of Angular JS application data.
* Used Spring Batch to build the POJO-based development approach of the Spring Framework.
* Wrote the DAO’s to access the database using JDBC calls.
* Involved in using JPA (Java Persistence API) frameworks and APIs such as JDO (Java Data Objects) and Hibernate.
* Implemented Spring Bean Factory to create proxied object using AOP framework.
* Used Angular.JS Global API to perform tasks like Comparing objects, Iterating objects and Converting data.
* Performed document and collection mappings with Spring and Mongo Template.
* Implemented SOA architecture with Web Services using SOAP, WSDL and XML.
* Designed &amp; developed LDAP Authentication &amp; Authorization Service using Java, LDAP, JNDI.
* Involved in transforming XML data in to Java Objects using a JAXB binding tool.
* Responsible for configuring and deploying the builds on Tomcat Web Server.
* Involved in the Performance Tuning of the Application on client side.
* Used Angular.JS http service to read data from remote servers.
* Worked on JavaScript framework (Angular JS, Bootstrap) to augment browser based applications with MVC capability.
* Wrote notification service that executes daily, sends emails and escalations to participants.
* Involved in Unit &amp; Integration Testing for different Modules in the application.
* Wrote build &amp; deployment scripts using ANT, Maven, shell scripts and JACL on unix env.
* Used Oracle Coherence in Java Collection API to access and modify data, and the JavaBean event model to receive data change notifications.
* Did the application support on different environments from QA to Production. Was responsible for analyzing the issues, providing technical & functional support to the users and fix them.

**Environment:**J2EE/J2SE, Java, Java Script, Angular JS, Spring Frame Work, Spring Batch, Hibernate, JDBC, JMS,Apache Axis, MongoDB, Tomcat Web server, LDAP, WSDL, SOA, SOAP, XML, HTML, Log 4j, RAD , Oracle, SunOS(UNIX), Sub Version , Maven and Windows 7.

**CORE Labs, India June 2009 to Sep 2010**

**Role: Software Engineer**

**Responsibilities:**

* Participated in gathering business requirements, analyzing the project and creating use Cases and Class
* Diagrams. Applied OOAD principles for building applications.
* Interacted coordinated with the Design team, Business analyst and end users of the system.
* Created sequence diagrams, collaboration diagrams, class diagrams, usecases and activity diagrams using Rational Rose for the Configuration, Cache &amp; logging Services.
* Developed front end using Struts framework, business components using EJB’s.
* Implementing Tiles based framework to present the layouts to the user. Created the web UI using Struts, JSP, Servlets and Custom tags.
* Deployment of Application in the JBoss Server environment using ANT tool using Struts architecture with the JSP Client.
* Configured Struts DynaActionForms, Message Resources, Action Messages, Action Errors, Validation.xml, and Validator-rules.xml.
* Designed and developed Caching and Logging service using Singleton pattern, Log4j.
* Coded different action classes in struts responsible for maintaining deployment descriptors like struts-config,ejb-jar and web.xml using XML.
* Used JSP, JavaScript, JSTL, EL, Custom Tag libraries, Tiles and Validations provided by struts framework.
* Wrote authentication and authorizationclasses and manage it in the frontcontroller for all the users according to their entitlments.
* Developed and deployed Session Beans and Entity Beans for database updates.
* Implemented caching techniques, wrote POJO classes for storing data and DAO’s to retrieve the data and did other database configurations using EJB 3.0.
* Developed stored procedures and complex packages extensively using PL/SQL and shell programs.
* Used Struts-Validator frame-work for all front-end Validations for all the form entries.
* Developed SOAP based Web Services for Integrating with the Enterprise Information System Tier.
* Design and development of JAXB components for transfer objects.
* Prepared EJB deployment descriptors using XML.
* Involved in Configuration and Usage of Apache Log4J for logging and debugging purposes.
* Wrote Action Classesto service the requests from the UI, populate business objects &amp; invoke EJBs.
* Used JAXP (DOM, XSLT), XSD for XML data generation and presentation
* Wrote Junit test classes for the services and prepared documentation.

**Environment:** JSP, Servlets ,Struts, JAXB, XSLT, DOM, XML, EJB , Webservices, JNDI, J2EE, RSA, JBOSS6.0 , RATIONALROSE, CVS, ORACLE9I, JUnit, Rational Rose, Javascript, DHTML