**Vikramaditya Singh**

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**Java Developer**

**Summary**

* Over 7+ years of professional experience in analysis, design, implementation and testing of object oriented application in Client/Server environment using **Java-J2EE Technologies**.
* Experienced in production support and working with cross-functional teams
* Broad understanding of software engineering concepts and methodologies
* Hands on experience with **Advance Splunk Development** involving Dashboard creation and active error monitoring/alert system development
* Involved in all the phases of **Software Development Life Cycle (SDLC)**including Analysis, Design, Development, Integration and Implementation
* 5+ years of experience in various **Agile**, **Waterfall** &**Test Driven Development (TDD)** methodologies.
* 6+ years of strong experience working with **Core Java** applications involving **Collections, Multithreading**, **networking and Exception Handling**
* Worked with Webspehere 6.1, Webspehere 8.5 and Weblogic application servers
* Experience in various web based applications using **J2EE 6/7, Java-Servlets3.0/3.1**, **JDBC4.0, EJB, XML 1.1.2, JMS 2.0, JSON, SOAP1.2, WSDL 1.1**, **JNDI 2.0, JAX-WS 2.02, JAXB, REST** and **JAX-RPC**
* Expertise in developing the presentation layer components using **Angular JS**, **JSP 2.3**, **Servlets 3/3.1**, **Ajax**, **JavaScript 1.8.5**, **XML 1.1.3**, **HTML 5** and **DHTML**
* Design and implementation of **RESTful** Web serviceswith HATEOS principle
* Expertise in developing MVC pattern based application with **Struts 2**, **Spring MVC** and **Servlets**
* Extensive development experience with **Spring core, DAO, JDBC, security and AOP modules**
* 5+ years of experience in Integration with persistence frameworks **Hibernate** and **iBATIS**
* Hands on experience with graphical database like **Neo4j 1.9.8** integrated with **Spring Data**
* Extensive experience in developing and deploying web applications on **Apache Tomcat**
* Intensive knowledge in databases like **Oracle 10g**, **PostGress**and **MySQL**
* Experience in implementing **JDBC API** to access data in relational database
* Experience in creating build scripts using **ANT 1.8.3**, **Maven 2.0/3.0/3.3 and Gradle 2.1**
* Good Experience in developing test cases with **JUnit 4.7**, **Groovy 2.2.7** and **Scala 2.0**
* Strong Experience with version control tools such as **Subversion 1.7** and **Git**
* Hands on experience with **HTML, CSS, JScript, Angular JS and Node JS.**
* Hands-on experience with industry-standard IDEs like **Eclipse 4.3**, **IBMRSA 8.0/8.5**, **Net Beans 7.1 and STS 3.6.3**
* Worked with Jenkins for continuous integration on the server
* Performed design review, design solution using **Adaptor, Factory and Strategy design Patterns (Well versed with Gangs of four design patterns)**
* Strong knowledge of **identity management** and implementing failsafe security measures in restful application development
* Strong knowledge of Security Standards and principle (Knowledge of Akamai Solutions)
* Strong Communication and Interpersonal Skills

**Skill Matrix**

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| --- | --- |
| **Web Technologies** | JDBC 4.0, Servlets3.0/3.1, JSP 2.3, JSTL1.2.1, Java Beans, MVC, Struts 1/2, JavaScript1.8.5, AJAX, XML 1.1.3 and HTML 5, JSON, Apache ActiveMQ |
| **Web Servers** | Java Web server, Apache Tomcat 7.0.54 |
| **Application Servers** | Web Sphere 8.5, Web logic 12c, GlassFish 4 |
| **Tools/Utilities** | Share Point 3.0,Log4j 1.2.16, Ant 1.8.3, JUnit, Gradle 2.1, Jasper |
| **Development IDE(s)** | STS 3.6.1, Eclipse 4.4, WSAD 5.0.2, Net Beans 7.0,/7.1 RAD 7.5, JDeveloper 11.1.1.0 |
| **Modelling** | Visual Paradigm for UML |
| **Web tools and languages** | JSP 2.2/2.3, Java Script 1.8.5, XML1.1.2, HTML5, DHTML, SOAP1.2,WSDL1.1, JNDI, 2.0, Macro vision Flex 6.2 |
| **Spring Modules** | Spring Core, Spring JDBC, Spring MVC, Spring Security, Spring Boot, Spring ORM, Spring Web |
| **Framework** | Splunk 5.0.2, Apache Struts, Axis 1.0B3, Hibernate 3.5, Spring 3.3, Axis2, iBATIS |
| **Databases** | MySQL 5.6, Oracle 10g, MS Access, Neo4j 1.9.8, MongoDB 2.2.7 |
| **Languages** | Java, C, C++, COBOL,SQL and PL/SQL, Unix Shell Scripting, Groovy |
| **Operating Systems** | Windows 95/NT/2K/XP/Vista/7, Linux (Ubuntu), Mac |
| **Version Control Tools** | Git, Tortoise Subversion |
| **Agile Project Management** | Mingle |

**StateFarm Insurance, Bloomington, IL**

**Java Application Developer Jan 2015 to Dec 2015**

State Farm is one of the largest insurance companies which sell major lines of insurance. The project dealt with development of new components for Digital Aggregation Service Layer, a restful service layer which calls and aggregates the data from backend services and provides response when called. Involved in production support for most components of this layer and StateFarm’s Pocket Agent app related production errors.

**Responsibilities**

* Designed and Developed**Splunk Dashboard** for Error Monitoring for different components in productions
* Responsible to resolve and close all the tickets assign to the service team in **HP Service Manager** and reassign the ticket to appropriate team if required
* Worked closely with Business Analysts to identify the root cause of the issues and create change request and bux fixes
* Work closely with realease team on co-ordinating new release, testing and migrations project timeline setting
* Worked in fast paced Agile environment on Production Support, **WAS migration of application** and DASL new component development
* Installed **splunk automated alerts** with detailed reports in place for production errors
* Take part in crossfunctional team meetings to find solution for production issues and architectural changes
* Programmed new components and add additional functionality to the existing **Restful service**components using **Hateos principles**
* Design **splunk dashboard** for overall error monitoring, TCServer functioning, firewall blocks & traffic monitor for the aggregation and analytical data for business team
* Analyze **splunk** logs and open **trac** tickets for code fixes and defects
* Put services in production under maintenance or scheduled maintenance according to backend service availability
* Perform **regression testing** using **SoapUI 5.0.0** for the components after making code fixes and changes
* Developed JSP pages and Servlets for customer maintenance and use **Angular JS.**
* Re-evaluate **design patterns** of the previous components and convert into newer architectural builder design pattern
* Rewrite **logger** strings to provide adequate information to trace the customer facing the error
* Used **Jenkins** for continuous integration on server
* Publish newer components and version in the test and development environment using **cloud management portal**
* Develop **groovy script** for **SoapUI** for regression testing and reproducing errors observed in production
* Use **perfecto** to perform testing in test environment for StateFarm Pocket Agent mobile application
* Worked with **LDAP groups** for referring to authorization for user names before sending the links back to user as per hateos principle

**Environment**: Java 1.6, J2EE 6 , splunk 5.0.2, Spring 3.4, SOAP, WSDLSpring ORM, Spring JDBC, Spring AOP, Log4j 1.2.16, Postgress, JUnit 4, STS 3.6.0, EJB, Angular.js, Pivotal TC Server 3.0, Tortoise SVN, Jenkins, Lotus Notes, Perfecto, HP Service Manager, mockito, WAS 8, WAS 8.5, Websphere 6.1, Websphere 8.5, Jersey 1.14

**Prudential Financial Inc, Newark, NJ**

**Production Support/Java Application Developer Jan 2014 to Dec 2014**

Prudential Financial, Inc. is a Fortune Global 500, provides insurance, investment management, and other financial products and services to both retail and institutional customers. Worked mainly on Invoicing and Servicing modules. Implemented Application in **MVC architecture** with **Spring 3.0 framework** and **Hibernate 3.5** using **STS 3.6.1** as IDE.

**Responsibilities**

* Followed **Agile software development** with **Scrum methodology**
* Work closely with BA on resolving customer specific issues
* Identify bugs in codes and create change requests for the customer specific tickets
* Develop queries in SPL in Splunk to
* Close all the tickets in **HP Service Manager** being assigned to the team
* Responsible for developing application in**Spring MVC**from existing JSF MVC Framework
* Contributed in designing and developing **Struts Framework** for performance comparison
* Used**Hibernate as ORM tool**in persistence layer and developed POJO's, Data Access Object (DAO) to handle all database operations
* Developed REST services accepting **XML and JSON calls**
* Developed server-side services using **Spring Web Services (SOAP, WSDL)**
* Used **Apache Axis** for implementing and testing **Web Services**
* Implemented JAXB/JAXP for storing and retrieving data from XML files
* Converted old spring beans to newer format by using **Spring 3.0 annotations**
* Rewrote existing POJOs in Java in **groovy 2.3.3**
* Develop server-side services using **Spring Web Services and MVC (SOAP and Rest)**
* Implement Object-relation mapping in the persistence layer using hibernate frame work in conjunction with **Spring Aspect Oriented Programming (AOP)** functionality
* Write splunk queries to analyze the logs in the test environment
* Use**Log4j** to assign, track, report and audit the issues in the application
* Use **MySQL Workbench** for the **MySQL** for development
* Use Spring Data to extract data from **Neo4j** and **MongoDB** databases
* Persisted and Retrieved data from oracle database using **Hibernate 3.5**
* Implemented LDAP support in application, for user authentication against an **LDAP server**
* Configured **hibernate pooling** on **websphere** to make it available for multiple users.
* Work on project build-script by using **Gradle 1.8**and deployed on **Tomcat 7**
* Write Test Cases and Test Procedures based on the Test Plan
* Develop and execute Unit Test plans using **JUnit**, ensuring that results are documented and reviewed with Quality Assurance teams responsible for integrated testing
* Analyze various requirements documents and Use Cases to prepare the detailed Test Plan
* Perform testing for existing classes by writing **‘mocks’** in **Scala** for third party service
* Use **Git** as distributed version control and file management system
* Provide extensive pre-delivery support using **Bug Fixing** and **Code Reviews**
* Used **Jenkins** for continuous integration on server
* Collaborate and support cross functional team to develop **Android Native application**

**Environment**: Java 1.7, J2EE 6 , JSP2.2, Servlets 2.5/3, Hibernate 3.5.0, Spring 3.4, Web Services, SOAP, WSDL, UML, HTML 5, XHTML, DHTML, Struts 2.0, Spring Web, Spring MVC, Spring ORM, Spring JDBC, Spring AOP, XML 1.1.1, Log4j 1.2.16, Oracle10g, JUnit 4, STS 3.4.0, EJB, Tomcat 7, Websphere MQ, SDK, Titanium, Mingle, Git, Neo4j, Jenkins, Jasper

**T-Mobile, Bellevue, WA**

**Java Developer Sep2012 to Nov 2013**

T-Mobile US, Inc. is the fourth largest American mobile-network operator headquartered in Bellevue, Washington. Worked on ODP, an internet application to provide users with features like creating new accounts, managing existing account information, and processing credit card/eCheck

**Responsibilities:**

* Migrated backend WAS 6.5 applications to WAS 8.1 environment
* Created annotations based mapping using**Hibernate ORM tool**
* Analyzed **Spring security** for granular authorization in web-tier
* Used **Spring WebMVC** for the controllers
* Extensive hands-on experience in **Angular JS, HTML, CSS, JavaScript and Ajax**
* Design application logic using **Struts2.0** and compare performance with **Spring MVC**
* Used spring framework for dependency injection with the help of spring Configuration files
* Developed the presentation layer using **JSP**, **JSTLTag Library**, **HTML 5**, **CSS** and **client validations** using **JavaScript**
* Created **RESTful web services** for keyword search, advanced search and autosuggestions,
* Worked extensively on **AJAX** using **DWR framework**
* Used **JSP**, **JavaScript**, **JQuery**, **HTML**, **XHTML**, **CSS**and **JSF** for Rich UI layer
* Involved in Dynamic form generation, Auto completion of forms, and user-validation functionalities using **AJAX**
* Worked on generating the web services classes by using Service Oriented Architecture **SOA**, **WSDL**, **UDDI**, and **SOAP**
* Designed Database schema in **MySQL** for development
* Connected application with LDAP server for authentication and authorization within the application
* Used **JMS** for Asynchronous communication between the applications
* Experience in Web Services like **SOAP**, **WSDL** and good Knowledge in **SOA**
* Involved in **writing DAO layer** using **Hibernate** to access the **MySQL database**
* Executed **HQL queries** for retrieving data from RDBMS databases
* Involved in the configuration management using **Subversion**
* Developed **Maven** and **Ant scripts** to bundle and deploy application
* Developed various test cases and performed unit testing using **JUnit 4**
* Prepared Functional Design and Technical Design Documents
* Worked with **Jenkins** and **Hudson** for continuous Integration
* Designed web pages using **AJAX, CSS, Javascript, Jquery and HTML 5**
* Deployed applications on **JBoss application Server**

**Environment**: Java1.6, J2EE 6, JSP, Servlets 2.5/3, Hibernate 3.5, Eclipse 3.5, Spring 3.0.5, JSP, XHTML, SOAP, REST, WSDL, UML, HTML, XHTML, DHTML, JavaScript, JQuery, Struts 2.0, CSS, Spring Web Flow, XML, JBoss, Log4j 1.2.16, Oracle10g, JUnit 4, ANT 1.8.0, Subversion 1.6.9, JBoss 7.0.1, Angular JS

**CEG Inc, MD**

**Java-J2EE Developer July 2011 to July 2012**

Constellation is a leading competitive supplier of power, natural gas, renewable energy and energy management products and services for homes and businesses across the continental United States.

**Responsibilities:**

* Prepared functional specifications document, design document and tutorial documentations
* Involved in projects involving **C, C++,Java** and **SQL-Server**
* Used Java Architecture with **MVC (Model View Controller)** paradigm to make the system highly scalable
* Used **JSF** as MVC frame work to develop the web application
* Used JSF Validation and Custom tags, Backing beans
* Involved in development of JavaScript code for Client Side Validations
* Worked on the onshore, offshore model
* Creation of **session EJB’s** on server to perform business logic required for the application
* Develop back-end business/application logic through **Spring Framework**
* Used **iBATIS as ORM tool** for accessing database
* Extensively involved in coding and looking for various security features implemented in the application
* Implemented **Java Design Patterns** like **Singleton**, **Factory** and **decorator**
* Used **XSLT** for transforming XML
* Enforced Security constraints on Servlets using XML based Deployment Descriptors, which was deployed in **WebLogic Application Server**
* Used **RAD 8** and **WebSphere 7** for developing and testing webservices
* Extensively used struts tag library and **JSTL** for development of **JSP** pages
* Developed Form **Beans, DAO, DTO, Action Classes**, and Views using struts
* Used DI feature of **Spring** to wire business services using xml Wiring
* Developed **EJBs (Session Beans)** for processing the Business logics
* Written stored procedures and complex queries for fetching data from **MS SQL server**

**Environment:**Java1.6, J2EE (Java 1.6, JSP, Servlets, EJB 2.0), HTML 5, Log4j 1.2.15, Ant 1.7.1, JUnit 4, Oracle 10g, MySQL 5.1, WSAD 6.0, WebSphere 6.1, Unix and Windows XP, Tomcat 6, RAD 8

**Merge Healthcare, WA**

**Java Developer Oct 2010 to Jun 2011**

Merge Healthcare is the leading provider of enterprise imaging and interoperability solutions. Merge solutions facilitate the sharing of images to create a more effective and efficient electronic healthcare experience for patients and physicians.

**Responsibilities:**

* Created Test cases and tested the application thoroughly
* Created **Servlets**, **JSP**s and used **JUnit** framework for unit testing
* Development of UI screens (using Html 5, Ext js, JQuery, Ajax, CSS)
* Received the requirements from clients, analyse it, make the design document and send it to theclient for review and approval
* Developed **Struts** components, **Servlets**, **JSP**s, **EJB**s, other **Java** components, Visual Basicscripts and shell script to fulfil the requirements
* Participated in customer’s meetings
* Guided the offshore team to transferred the design document to them for development
* Used **UML diagrams** to create detail design document
* Used various design patterns like **singleton**, **factory pattern** and **strategy**
* Developed **EJB**s, **DAOs**, Stored Procedures and **SQL queries** to support system functionality
* Used **Hibernate** ORM for persisting data in **MySQL database**
* Implemented **iBatis 3.0** to compare performance with **Hibernate**
* Supported Production/Stage application defects, track and document using Quality Centre
* Coded different deployment descriptors using **XML**. Generated Jar files are deployed on **Apache Tomcat Server**
* Used **Clear Case, CVS, Maven,** and **Subversion**for Source code version control
* Developed the UI panels using **XHTML, CSS, JQuery**
* Provided client side validations using **Spring 2.5 Validator** framework and **JavaScript**

**Environment:** J2EE 5, Rational Software Architect 6.0(RSA), WebSphere 7, MySQL 5, Eclipse 3.5, XML 1.0.12, JSP 2.1, Servlets 2.5, HTML, Ext JS, JavaScript 1.7, DB2, Solaris, Windows, JDBC 4.0, UML, JNDI, EJB, JSTL 1.2, Struts 1/2, Spring 2.5, Hibernate3.2, Web Services, JSF, Design patterns, Swing, iBATIS3.0

**Thomas Cook, India**

**Jr. Java Developer May 2009 to Sept 2010**

Thomas Cook provides services for travel, leisure and foreign exchange. Air Booking, Rail Booking, insurance and hotel booking services are provided through the application. Interface is provided for air booking through Galileo and Amadeus systems

**Responsibilities:**

* Involved in the analysis & design of the application using UML
* Implemented **adaptor design pattern** to upgrade the existing application
* Used **session facade** for accessing business logic and message driven beans
* Developed and maintained front end application using **Jscript**
* Maintained existing code base developed in **Struts, Spring** and **Hibernate**
* Interacted with middleware team for testing perspective of queues
* **RAD 6.0 IDE** has been used for the development perspective
* Worked on implementing software as **Swingapplets**
* Intensively applied core Java concepts like multithreading, exception handling to write business logic class
* Performed testing using Junit and used maven build process
* Intensively used **Spring framework** and integrated it with **Hibernate 3.3**
* Created relational view with **JDBC 4.0**
* Used **MySQL** as the database

**Environment:** J2EE 5, JSP 2.1, Java Script 1.7, IBM WebLogic 8.1, JDBC 4.0, MySQL, Win-NT, EJB, Servlets, Hibernate 3.3, Spring 2.5, Maven XML and Eclipse

**Allumez Infotech Private Limited, India**

**Java Developer (Webservices Intern) July 2008 to Mar 2009**

Allumez Infotech provides eCommerce, CRM, marketing, content management, application development, portal development, website and design solutions to mid-large size companies.

**Responsibilities:**

* Developed the web pages using **JSP**, **CSS** and **HTML** for various requirements
* Involved in writing **JSP/HTML/JavaScript** and **Servlets** to generate dynamic web pages and web content
* Extensively used **multithreading**, **collections** and **exception handling**
* Wrote Action classes, Request Processor, Business Delegate, Business Objects, Service classes and JSP pages
* Utilized **JavaScript/Struts Validators framework** to validate the form data
* Developed all the User Interfaces using **JSP** and **Spring MVC**
* Used **Hibernate** for persisting data in the database
* Wrote Client Side validations using **JavaScript**
* Extensively used **JQuery** for developing interactive web pages
* Involved in creating tables using **MySQL** and connected it by **JDBC 4.0**
* Worked on **Eclipse IDE** and used **Maven** for dependency management
* Used **Apache Tomcat 6.0** as application server to deploy applications
* Made extensive use of **Java Naming and Directory Interface (JNDI)** for looking up enterprise beans
* Developed Message-Driven beans in collaboration with **Java Messaging Service (JMS)**
* **Developed GUI** using AWT

**Environment:** J2EE 5, multithreading, Collections, Exception handling,AWT, JSP 2.1, Java Script 1.5, IBM WebLogic 7, Win-NT, XML, Eclipse, JMS, Apache Tomcat 6.0, JQuery, JNDI, Struts, Servlets, JDBC4.0 Spring 2.5, Hibernate 3.2, Maven

**Education:**

**Bachelors of Engineering**, ManipalUniversity, India