**Raj Shekhar**

**Sr Java/J2ee Developer**

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**PROFESSIONAL SUMMARY**

* 8+ years of total professional experience in user interaction, requirement gathering, Systems Analysis, Testing, System Ownership, Maintenance, Design, Development and Implementation of many web based and **N-Tier** Application Systems.
* Expertise in developing both front end & back end applications using **Java, Servlets, JSP, AJAX, EJB, Struts 2.0, Hibernate, JMS, JDBC, XML, Web Services.**
* Proficiency in programming with different Java IDE's like **IBM RAD, Eclipse, WSAD.**
* Good knowledge on OOP paradigm skills, as well as experience with J2EE APIs, protocols and development of multi-tiered applications.
* Proven expertise in implementing **IOC** and **Dependency Injection** features in various aspects of Spring Framework **(Core, Web, JDBC, MVC, ORM and DAO)** and also experienced in integrating Spring Web Flow with other frameworks like **JSF**.
* Involved in various projects related to Data Modeling, System/Data Analysis, Design and Development for both **OLTP** and Data warehousing environments.
* Experience with servers like **WebLogic, WebSphere, JDBOSS and Apache Tomcat**.
* Strong exposure working with J2EE design patterns like **MVC, Front Controller, Data Accessor, Value Object, Singleton and Session Facade.**
* Good experience with **Multithreading, Collections and Exceptions**. Worked of creating basic framework for spring and web services enabled environment Exposure in handling critical bugs of the software.
* Created **SOAP** Handler to enable authentication and audit logging for each invocation of WS- operations.
* Sound knowledge on **Junit, TestNG** framework for **Unit testing, Maven** and **Ant** for Project **building tool, Jenkins/Hudson** for Continuous Integration.
* Experience with **Service Oriented Architecture (SOA).**
* Experience in Manual Testing, Functional Test Automation, SOA/Agile Test Automation & Performance Test Automation**, TDD & BDD.**
* Extensive Experience working in **Spring Framework, Struts Framework** and **O/R mapping Hibernate Framework.**
* Good command in **Core java**, and profound experience **collectionframeworks** and **Multithreading.**
* Good Experience on **SeleniumIDE** and creating Scripts in selenium --RC by using Java Good exposure to Continuous Integration and Automated build; Code refactoring techniques.
* Good experience in identifying actors, use cases and representing **UML** diagrams.
* Worked on **UNIX** and **Shell** script for the applications.
* Sound knowledge of Network file transmission technologies like **FTP, SFTP, NDM (Secure+).**
* Proven expertise in distributed application development including extensive work in Object Oriented Analysis, Design, Development and Implementation of projects in the areas of Client Server Architecture and Database Systems.
* Experience in software configuration management tools like **CVS, MKS** and **Visual Source Safe**.
* Good understanding of all stages of **Software Development Life Cycle (SDLC).**
* Familiar with development methodologies like **Water Fall, Agile and Scrum.**
* Excellent communication skills, team playing spirit and strong analytical & problem solving abilities. Hard working, self-motivated, attention to details and able to meet aggressive project schedules.

**TECHNICAL SKILLS**

* Operating Systems : Windows, RedHat Linux, Unix.
* Languages : Java, UML, SQL, PL/SQL, C, C++, PHP, Python, Ruby, C#.
* Java/J2EE Technologies JSP, Servlets, Android, JDBC.
* J2EE Frameworks:Struts, JSF, Hibernate,Spring MVC.
* Web/Application Server :Tomcat 6.x/7.0, WebLogic, IBM WebSphere 6.1/7.0, JBoss 4.x/5.x.
* Databases:Oracle 9i/10g, SQL Server and knowledge on DB2, MongoDB.
* Modeling Tools : Visual Paradigm.
* Web Technologies : HTML, JavaScript, Angular JS, Node.js,CSS, AJAX, SOAP, JQuery.
* Tools& IDE : Eclipse, RAD, IETester, Ant, Maven, Docker, Kubernetes, IntelliJ.
* Source/Version Control : StarTeam, CVS, ClearCase.
* SDLC Methodologies : Agile, Scrum and Waterfall models.

# PROFESSIONAL EXPERIENCE

**Godaddy.com LLC, Kirkland WA Sep 2016 – Feb 2017**

**Senior Java/J2EE Developer**

**Project:**

GoDaddy is currently one of the largest web domain and hosting companies in the world serving millions of businesses in different countries. Worked as a part of payments team. Worked on a gateway plug-in model which makes the payment integrations fast and sustainable.

**Responsibilities:**

* Analysis on business requirements and estimated the overall project requirements using **agile** methodology.
* Creating the infrastructure like procuring the servers and configuration.
* Installing and configuring the applications like **docker** tool and **kubernetes** for the orchestration purpose.
* Created the payment gateways by using the **dropwizard** framework.
* Developed **Maven** archetype from those gateways and also worked on the improvements.
* Defined project set up for Web Service using **Maven**.
* Worked on a way to store the log messages in **Cassandra** which are managed by **Hadoop** and made available through **Kibana** for visualization.
* Developed **SOAP** based web services interface and implementation which are integrated with **JBPM** flows.
* Implementing web service using **JAX-RS** specific implementation **Jersey**.
* Used **JIRA** for project planning, Issue tracking and code integration.
* Conducted code review in team.
* Involved in interpreting business and functional requirements into a strong design.
* Documented design solutions and implemented according to the design.
* Performed activities - debugging, coding, testing and defect fixing.

**Environment:** Java 8, JSON, JQuery, Spring 3.0, SDLC(Agile), Jenkins/Hudson, WebServices, SOAP, IntelliJ, Maven, Linux, Docker, Kubernetes, Dropwizard, JIRA, Github, Confluence, Cassandra, Hadoop, JAX-RS, Scrum.

**Kohls, Milwaukee WI June 2015 – Aug 2016**

**Senior Java/J2EE Developer**

**Project**:

Kohl’s Milwaukee is a department store retail chain. Worked on an intranet-based point-of-sale (POS) system. It allows the agents and retailers to perform different types of transactions like the billings, processing the service information, fulfillment of orders, returns and refunds, selling items and accessories can be done.

**Responsibilities:**

* Designed and implemented **Spring** Framework based **RESTful** and **SOAP** web services and software stack for on-line account management, order and payment processing.
* Developed various helper classes needed following **CoreJava** multi-threaded programming and Collection classes.
* Worked on **AWS**, High Availability Practices and deploying backup/restore infrastructure.
* Used **Eclipse IDE** tool and **Tomcat** server for working environment of the project.
* Wrote tested, idiomatic, and documented **JavaScript, HTML, Angular JS, templating engines and CSS.**
* Build **REST** web service by building **Node.js** Server in the back-end to handle requests sent from the front-end **jQueryAjax** calls.
* Created **SQL** queries and used **PL/SQL** procedures with Oracle Database.
* Used Web Services **(SOAP, UDDI, WSDL, and AXIS)** for handling transaction history.
* Provided production support for two of the applications involving **swing** and struts framework.
* Attended the daily Bug review meetings, weekly status meetings and walkthroughs and interacted with Business Analysts and Developers for resolving Defects.
* Participated and Initiated Team meetings on a regular basis and involved in active discussion in order to improve the testing quality by better strategies and testing approach.
* Used **LOG4J & JUnit** for debugging, testing and maintaining the system state.
* Performed deployment of applications of **Apache Tomcat** web Servers.
* Involved in building and deployment of application in **Linux** environment.
* Involved in Unit Testing, Integration Testing, and System Testing etc.

**Environment:** Java 7, JEE6, Struts, JSP, JSON, JQuery, Spring 3.0, XML,XSL, Linux, SDLC(Agile), CSS, HTML, Java Script, AJAX, WebServices, AWS, Angular JS,Node.js, AXIS, SOAP, JMS, Rest, JUnit, Eclipse, Scrum.

**TIAA CREF, Charlotte NC Sep 2013 – May 2015**

**Senior Java/J2EE Developer**

**Project:**

TIAA CREF is an organization that is the leading retirement provider for the people who work in academic, research, medical and cultural fields. In recent years the company has greatly expanded its capabilities and advisory services and broadened clients’ investment choices. Internally it has focused on developing customer support IT infrastructure and leadership development.

**Responsibilities:**

* Developed **JSF** composite **UI** components.
* Integrated **JPA** persistence using **Hibernate** in order to save the current state of the **drools** knowledge session using the **Spring** Framework integration.
* Worked with different **JSF** features like managed beans, page navigation, event handling.
* Implemented **OOPS** concepts (used **Java 1.6**) to good effect in various parts of the application.
* Used **JPA** in combination with **JSF 2.0** as persistence Framework.
* Used **RAD** for application development process and **Websphere 8.5** for deployment purpose.
* Performed Unit, Regression Testing and wrote Test Scripts as per the Use Case.
* Used **CSS** to design the styles of each page.
* Designed and developed **NoSQL** solutions for all users.
* Managed and administered all **NoSQL** database systems
* Build **RESTful** Web services using **JAX-RS API**.
* Consumed **RESTful** Web services provided by different vendors to submit the TRAFFIC STOP data.
* Defined new validations through **Angular.js** for the form field validation implemented through **HTML5**.
* Designed and developed Web Services to provide services to the various clients using **SOAP** and **WSDL**.
* Used good things of **Scrum** while using waterfall methodology on selected projects.
* Created data flow diagrams, data mapping from Source to stage and Stage to Target mapping documents indicating the source tables, columns, data types, transformations required and business rules to be applied.
* Manage and deliver all system and software migrations (like **Java** version upgrade, OS migration from **UNIX** to **Linux** etc.) involving Organizational standards.
* Incorporated Login authentication by using **JSP** and verifying it with database security.

**Environment:** Java 7, JSF 1.2/2.0, JSON, JPA, Oracle, MVC,Angularjs,NOSQL, REST, JavaScript, Linux, WebSphere 7.0/8,5, Scrum, service manager, Drools, Visual Paradigm.

**mayo clinic, rochester, MN Jan 2012 – Sep 2013**

**Senior Java/J2EE Developer**

**Description:**

Mayo Clinic is a non-profit medical practice and research group that specializes in treating difficult cases through tertiary care. It employs hundreds of physicians and researchers and is recognized as one of the world’s best hospitals. It has mobile based applications that integrate hundreds of health care systems in the Mayo Clinic Care Network, designed to assist patients and clinicians.

**Responsibilities:**

* Followed **Agile** methodology and used Test Driven Development. Created Design Docs from Functional Specifications.
* Reviewed High-level Design (**HLD**), Functional requirements and discussed the new functionality in team meetings.
* Developed web pages using **IBMJSF** UI Components.
* Implemented Ajax functionality using **IBMJSF** components in all the web pages.
* Used **Eclipse** as development environment and deployed application on **Weblogic** Application server
* Extensively used Core Java such as **Multi-Threading**, **Exceptions**, and **Collections** etc. in Application.
* Implemented business logic on server-side using **Session Beans** and **Entity beans**.
* Developed code using various patterns like **Singleton**, **Front Controller** and **Session Façade**.
* Developed code to retrieve / update data using Data Accessor Design Pattern.
* Developed user interfaces using **JSPs, HTML, XHTML, DHTML, CSS, Java Script, JSP Custom Tags** and **AJAX**.
* Wrote services to store and retrieve user data from the **MongoDB** for the application on devices.
* Developed Action Forms, Action classes and Servlets based on the Struts Framework.
* Developed Servlets for Document Upload, Image Streaming and Caching the data.
* Configured **JDBC** and **LDAP** Security in the application server.
* Developed code to retrieve / update data using Data Accessor Design Pattern.
* Developed Web services using Java Web Services
* Involved in the full systems life cycle and responsible for Developing, Testing, Implementing**AJAX** calls made to get Response from Server Asynchronously.
* Used **PL/SQL** Queries for Contractor search and Well Search.
* Created and maintained mapping files and transaction control in **Hibernate**.
* Designed and developed Web Services to provide services to the various clients using **SOAP** and **WSDL**.
* Created Database Tables and Views.
* Implemented **Spring MVC** architecture.
* Developed scripts to automate build & deployment process using internal standards.
* Developed highly scalable, transactional and reusable components using J2EE technologies
* Prepared Program specifications and Test cases based on Detailed Design documents.
* Incorporated Login authentication by using **JSP** and verifying it with database security.
* Involved in Unit Testing, Integration Testing, and System Testing etc.
* Used **Log4J** to store log messages.
* Created **ANT** script for building the application.

**Environment:**Java 6.0, J2EE, EJB, JSF, Struts 2.0, Hibernate, LDAP, AJAX, HTML, CSS, JDBC, Eclipse 4.2, Web logic Application Server, Linux, ANT, MongoDB, SOA, Design patterns, SOAP, WSDL, Oracle 11g, ANT, Windows OS.

**Mastak India Ltd,India Dec2010 - Dec2011**

**Java Software Engineer**

Thunder Bird is a wealth management product. It provides full life cycle advisory capabilities to acquire,implement and manage client assets and liabilities in a holistic and compliant manner to financial advisorsand their teams. It has two modules Advice Application and Admin Application. Advice Application facilitates to monitor Portfolios, Relationships and Holdings. It also helps to create Investment Strategy solution for a Relationship and Portfolios can be created and associated to a Relationship. Admin application provides features like user creation, security, product catalog.

**Responsibilities:**

* Involved in requirement Analysis, documentation of high level and low-level design.
* Developed application using **core java, J2ee and spring** framework. Involved in various client implementations.
* Development of **Spring** Services.
* Development of persistence classes using **Hibernate** framework.
* Development of **SOA** services using **Apache Axis**webservice framework.
* Development of **JUnit** test cases to test business.
* Developed Java Page Flow, **Struts** and webservice Portlets using **WeblogicWorkshop 10.3** as a part of application development. Utilized and developed **EJB**, **JMS** and Web Service controls for creating the Portlets.
* Using **Core Java, Swing, and multithreaded** clients, designed, developed and implemented, new products and application implementations for the Rates, Structured Funds and Equities trading desks.
* Installed **WeblogicPortalserver10.3.1** and configured users, groups, roles, and content management system.
* Extensively used Java Collection API to improve application quality and performance.
* Vastly used Java 5 features like Generics, enhanced for loop, type safe etc
* Providing production support and enhancements design to the existing product.
* Created unit test cases using **qUnit** as the behavior testing should be understood by the business stakeholders and other management people and these test cases are written based on the expected result of particular JavaScript function.

**Environment:** Core Java, J2EE, SOA, Spring 3.0, RedHat Enterprise Linux 4, Struts 2.0, Servlets, JSP, GWT, JQuery, JavaScript, CSS, WebServices, XML, Oracle, Weblogic Application Server, Jive, Eclipse, UML, Microsoft Visio, SOAP UI.

**Capital IQ -India June 2009 -Dec2010**

**Java/J2EE Developer**

Capital IQ is a leading provider of data and analytics for financial professionals. Involved in developingan internal product for Business Information Developers to maintain Listed Company's Stock records. Thissystem collects Stock information from several documents and uploads to a centralized Capital IQ InformationRepository and system also does the content analysis to map the incoming content from other systems intoa standard XML format.

**Responsibilities:**

* Created the **UI** tool - using **Java, XML, DHTML,** and **JavaScript**.
* Wrote stored procedures using **PL**/**SQL** for data retrieval from different tables.
* Worked extensively on bug fixes on the server side and made cosmetic changes on the **UI** side.
* Part of performance tuning team and implemented caching mechanism and other changes.
* Designed and developed various tools with **Perl**.
* Recreated the system architecture diagram and created numerous new class and sequence diagrams.
* Created combined deployment descriptors using **XML**.
* Developed Authentication and Authorization modules where authorized persons can only access theinventory related operations.
* Developed Data Mapping, Data Governance, Transformation and Cleansing rules for the Master Data Management Architecture involving **OLTP, ODS and OLAP.**
* Developed Controller Servlets, Action and Form objects for process of interacting with **Oracle** database andretrieving dynamic data.
* Responsible for coding **SQL** Statements and Stored procedures for back end communication using **JDBC**.
* Developed various activities like transaction history, search products that enable users to understand thesystem efficiently.
* Involved in preparing the Documentation of the project to understand the system efficiently.

**Environment:** JDK1.2, JavaScript, HTML, DHTML, XML, Struts, JSP, Servlet, JNDI, J2EE, Tomcat, Rational Rose, Oracle.

# EDUCATION

Bachelor of technology in Computer Science Engineering from JNTU – Hyderabad, India.