Rashmithareddy

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Java Lead /Developer

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PROFESSIONAL SUMMARY

- 8+ years of IT experience in various web-based, Enterprise, Client/Server and Distributed applications using **Java/ J2EE**.
- Have 3 years of experience in **e-commerce industry**.
- Have 1 year Experience in **Treasury** industry.
- 8+ years of experience in Java concepts including Polymorphism, Inheritance, Exception handling, Collections framework, Serialization, Multi-threading, Design patterns, Synchronization etc.,
- 8+ experience in designing and developing applications using J2EE technologies including **Servlets, JSP, JSTL, JSF, EJB, JNDI, Swing, Struts, AJAX, Hibernate, Spring, Web Services, XML, JDBC**, **HTML, HTML5, CSS, CSS 3, DHTMLX** and **JavaScript.**
- 5 years of experience in Agile/SCRUM development environment.
- 5 years of experience in various modules of Spring framework like **Spring IOC, Spring AOP, Spring MVC, Spring Batch, Spring ORM, Transaction Management, Spring Security**
- Expertise in implementing the persistence logic using **JDBC, JPA, Spring JDBC, Hibernate 2.x/3.x/4.x/5.x and iBATIS** framework.
- Expertise in Application development using Struts framework including **Struts Action, Struts tags, Interceptors & Validations**.
- Extensive experience in **Heroku** Cloud Platform including **organization creation, app creation, Dyno scaling, DNS configuration, SSL configuration, SSO configuration, choosing best add-ons** etc.,
- Extensive experience in working with **Oracle, SQL Server, MySQL, DB2** Relational Databases.
- Experience in working with NoSQL databases like **MongoDB, Cassandra, Graph DB (Neo4j)**.
- Experience in writing **SQL queries, PL/SQL. Joins, Stored Procedures and Database Triggers**.
- Experience in using Ant, Maven build tools and performing unit test by writing Junit test cases using Junit Frameworks like **Mockito, JMock**.
- Experience in generating logging by **Log4j** to identify the errors in production test environment and experienced in **Ant, Maven and Gradle** tools.
- Very good experience with multiple servers like **IBM WebSphere, IBM WebSphere ESB (Enterprise Service Bus), WebLogic Server, Apache Tomcat, Jboss.**
- Expertise in implementing Service Oriented Architecture by using **SOAP and RESTful** web services.
- Implemented **SOAP** based web services by using various API like **Axis 2, Apache CXF**, JAX-WS Strong knowledge in using **WSDL and UDDI**.
- Worked with **Jersey, CXF** API to implement **RESTful** web services, strong knowledge on **JAX-RS** annotations.
- Experience in using **DOM4J, JAXB, JAXP** parsing and XML Bean to process, validate, parse and extract data from XML files.
- Working Knowledge and practice in Amazon Web Services (AWS).
- Experience in designing and developing use cases, class diagrams and sequence diagrams using **UML, Rational Rose**.

- Experience in versioning tools like **GitHub, Clear case, SVN and CVS**.
- Experienced in creative and effective front-end development using **JSP, JavaScirpt, JQuery, D3 Js, Angular Js, Node JS, Backbone Js, Bootstrap, Ext Js, React JS, Ajax, CSS& CSS 3.**
- Experienced in using Messaging Services like **JMS, MQ Series**.
- Experienced in **Unix** and **Shell Scripting**.
- Experienced in Programming with Big Data Frameworks: Apache SPARK, Lambda architecture, leveraging Apache **Kafka**.
- Familiarity with Rules Management System (e.g. **Drools**, IBM Lombardi).

TECHNICAL SKILLS:

Languages	Java, C, C++, JavaScript, Python, PL/SQL, XML, XSLT, Shell Scripting.
J2EE Technologies	Servlets, JSP, JSTL, JSF, RMI, EJB, JMS, JNDI, JSF, XML, Swing, Log4j, kafka.
Frameworks	Springs 4 + , Hibernate, Struts 2.x
Web Technologies	HTML, HTML5, CSS, CSS3, XHTML, DHTML, Bootstrap, Angular Js, Node JS, Backbone Js, Ext JS, React Js, Ajax, Jsp, Jquery, Alloy JS.
XML/Web Services	REST, JSON,JAX-RS(JERSEY, CXF), ESB (JBoss Fuse), XML ,SOAP, JAX-WS(AXIS,AXIS2,CXF), WSDL, UDDI, JAXB, DOM &SAX
Application/Web Services	Apache Tomcat, JBOSS, IBM Web Sphere, BEA Web Logic.
Database	Oracle 11g, Oracle 12 C, My SQL, SQL Server, DB2, Graph DB, Mongo DB, Cassandra.
Database Tools	SQL Developer, PL/SQL Developer, SQL plus, Toad.
Build Tools	ANT, Maven, Jenkins, Artifactory, Hudson.
IDE	Eclipse, Net beans, IBM RAD, IntelliJ and Plugins.
Testing Tools	Junit, TestNG, Mockito, JMock .
Version control tools	SVN Tortoise, Rational Clearcase, GitHub, CVS.
Reporting tools	IText, Jasper Reports.
Middleware Tool	MQ Series, JMS, JBoss Drools, IBM BPM.
Cloud	Heroku, AWS.

EDUCATION

Bachelor of Technology – Bachelors in computer science
University - Osmania University
Passing year - 2009

PROFESSIONAL EXPERIENCE:

Cisco Systems ,SanJose,CA   **Sep 2016 - Dec 2017**
Role: Java/J2EE IT - Technology Lead (Full Stack Developer)

This is a web-based unified commerce application which enables customers and partners to create estimates/quotes for the renewal of current software subscriptions and technical services. This application provides rich interface to Cisco partners/customer to search multiple product lines, existing quotes/orders and contracts.

Responsibilities:
• Involve in Programming, testing, debugging, implementing, and maintaining of Java EE client/server distributed application to meet the organization's needs.
• Design application modules, base classes and utility classes using core java
• Design and implement customized exception handling to handle the exceptions in the application.
• Involve in developing code for obtaining bean references in spring framework using Dependency Injection (DI) or Inversion of Control (IOC) using annotations.
• UseSpring validation and write validation rules.
• Design the front end using JSP, Angular, CSS and Html as per the requirements that are provided.
• UseJenkinswith Maven for continuous integration
• Primarily focus on the spring components such as Dispatcher Servlets, Controllers, Model and View Objects.
• Develop Business components using Java Objects and used Hibernate framework to map the Java classes to the database.
• Designing data schema and development of SOAP web services with Axis implementation and REST web services with JAX-RS
• Using RESTful web services (JAX-RS) to retrieve credit history of the applicants.
• Created RFP (Request for Proposal) micro service to provide RESTful API utilizing Spring Boot with Spring MVC.
• UseHibernate, object/relational-mapping (ORM) solution, technique of mapping data representation from MVC model to Oracle Relational data model with a SQL-based schema.
• Used Spring Boot for Dependency Injection and integrated with Hibernate DAOs.
• Developed Hibernate DAO classes and with the spring frame work manager classes retrieve and save the data from the database.
• ImplementSpring ORM with Hibernate taking advantage of Java features annotation metadata, auto wiring, and generic collections using plain JPA specification that is used to implement the DAO layer with Hibernate Entity manager's Session Factory, HQL, and SQL.
• Develop payment flow using AJAX partial page refresh, validation and dynamic drop down list.
• Use MyEclipse IDE, configured and deployed the applications onto Apache Tomcat.
• Implement version controlling using SVN.
• Implementlog4j for logging purposes and debug the application.
• PrepareJunit test cases and executed the test cases using Junit in eclipse.
• Participate in scrum meetings and design review meetings

Environment: J2EE, JSP, Angular, Jdk 1.6, UML, Eclipse, Oracle WebLogic Application server, JSP, SOAP, REST, JAX-WS Spring, Spring MVC, Hibernate, Spring Boot, Micro Services, XML, CSS, HTML, Junit, SVN, Log4j, Oracledatabase, Jenkins, UNIX, Maven, Agile Scrum.
Project 2: Technology Invoice Processing System:

PPG Industries, Pittsburg, PA	Sep 2015 – Aug 2016
Role: Java/J2EE Developer IT - (Full Stack Developer)	

PPG Industries is an American Fortune 500 company and global supplier of paints, coatings, specialty materials, chemicals, glass, and fiberglass. PPG operates in more than 70 countries around the globe. This is a retail Domain project is to implement a web application for customer login, purchase and payments for products, Generate Quotes and reports.

Responsibilities:
- Involved in the detail design of the modules according to the **J2EE** standards.
- Implemented the application using **Agile** development methodology.
- Implemented the application modules using **Spring Core layer(IOC), Spring Security, Spring AOP, Spring ORM, Spring Batch, Spring Transaction Management** in order to develop the application.
- Built an Application and deployed in the AWS Cloud.
- Used Git as application repository and for deploying to Heroku.
- Worked on Logplex for viewing log entries in application deployed in Heroku.
- Performed actions such as creating database, fork database in Heroku.

- Implemented **Spring Services** and business operations Dependency Injection.

- Used spring boot annotations for entire configuration and free of xml.

- Used **multithreading** and synchronization to allow concurrency.
- Developed **Action classes**, Form bean classes and Struts configuration file using **Struts** framework
- Used Eclipse IDE for coding, debugging and testing the application modules.
- Used different user interface technologies **JSP, HTML, JSTL, EL, CSS 3, JavaScript, JQuery, Angular js, React JS and JSON** for developing the GUI of the application.
- Used npm/node js for the angular dependencies and for building the API services.
- Used Jasmine for Unit testing the angular js application.
- Used Object/Relational mapping tool **Hibernate (persistency)** to perform data base activities and transactions.
- Implemented Hibernate POJO Classes, Hibernate Configuration file and Hibernate Mapping files
- Used Transaction Management to ensure data integrity and consistency.
- Implemented and worked on order processing, payments and reports generations in the application
- Used different design patterns like **MVC, Singleton, Data Access Object, Value Object** etc.
- Used Java Messaging Services (MQ Series and JMS) for developing messaging services to interact with different application modules.
- Implemented SOA using Web Services and its frameworks **Apache Axis, SOAP, WSDL and JAX-RS API.**
- Implemented **Restful web services** to perform some business activities.
- Created independent services using spring and microservice architecture.

- Used **Oracle &Postgres** as data base system.
- Created **stored procedures, Triggers, fucntions** according to the application requirements.
- Developed stored procedures and triggers with **PL/SQL.**
- Developed Cassandra CQL queried for performing the DB operations.
- Created Cassandra custom datatypes and collections.
- Implemented SQL injection security checks, html sanitization and other security mechanisms.
- Advanced password security using **PBKDF2WithHmacSHA1** algorithm.
- Involved in performance tuning, query optimization, maintaining coding standards and resolving JVM issues.
- Developed **Maven** and **ANT Scripts** to do compilation, packaging and deployment in Web Sphere app server.
- Developed **Junit** test cases to **unit test** the business logic.
- Used **ApacheKafka** for pub-sub and broadcast.
- Programming with Big Data Frameworks: **Apache SPARK**, Lambda architecture, leveraging **Apache**

  Kafka.
- Configured **JNDI resources, Data Base resources, MQ Series** and other configurations on the Application Server.

- Involved in the SIT, UAT, Cutover and Hyper care activities and solving productions issues and doing Root Cause Analysis & troubleshooting operational issues.

Environment: Java 1.7, J2ee, AWS, JSP, Servlets,Multithreading, Struts, Spring, Hibernate, Web Services, SOAP, WSDL, REST, GitLab , Apache Axis, SQL, PL/SQL, MicroServices, XML, XSD, JAXB, JavaScript, Web Sphere 8.x, Heroku, Jboss Fuse, RAD, JSTL, EL, HTML5, XML, Jasmine , JQuery, BootStrap, Angular JS, React JS, JSON, Maven, SVN, SQL Developer, Oracle, Cassandra, UML, JUnit, Log4j, TestNG, JIRA, Hudson

CaltrolInc, Las Vegas, NV   July 2014 – Aug 2015
Role: Java/J2EE Developer - IT - (Full Stack Developer)

Caltrol is headquartered in Las Vegas. Caltrol is the largest representative organization in the Southwest dealing solely with Industrial Process Automation. This project is of retail and Production Domain to implement a web application which is used Product sales portal and to tracks the production life cycle, Transportation & logistics management.

Responsibilities:
- Effective interaction with team members and business users from different regions for procurement of requirements and then analysis.
- Analysis, design and development of Application based on J2EE using **Struts**, **Springs** and **Hibernate** extensively.
- Used spring boot annotations for entire configuration and free of xml.
- Application development using **Spring MVC** and **dependency injection**.

- Used Spring MVC (Model View Controller) to handle/intercept the user requests and used various controllers to delegate the request flow to the Backend tier of the application.
- Developed a **Spring JDBC** module in connecting to database.
- Used Mongo DB as secondary database for persisting data.
- Persisted data IN BSON format and performed crud operations in Mongo DB.
- **Hibernate** was used for Object Relational mapping along with Oracle database.
- Used **Spring ORM with hibernate** for interacting with the database.
- Involved in developing the user interface using **Struts**.
- Used **JSTL** tag library for the development of application.
- Extensively used **Angular JS, Ext JS, D3 JS, Node JS, React JS, Polymer JS** for Building web applications.
- Posting the responses from the **XML** on to the JMS queue.
- Used XML Parser for Building the XML Documents.
- Used **Unix Shell Scripting** for program execution.
- Used WSSR to manage applications, services.
- Test Driven Development in entire application development cycle.

- Used **Multithreading** and **synchronization** for increasing the overall performance of the application.

- Used **Apache ActiveMQ** for Java messaging services.

- Invoked the Web Services using **RESTful and SOAP** web services.

- Audited application SQL code with DB2 Explain prior to production implementation.

- Extensively used **SQL, PL/SQL** in constructing views, indexes, stored procedures, triggers, cursors, functions, and relational database models for implementing **DAO**.

- Deployment on Web Logic Application Server 11g.

- **Junit, log4j** were used for unit testing and as logging frameworks.

- Wrote JUnit test cases for unit, integration, and functional tests, run automatically by Hudson/Jenkins in the builds triggered by each push to Git.
- Developed the classes for Unit Testing by using **Junit- Mockito**.
- Implemented **AJAX** base applications using DOJO and GWT API for Performance oriented and browser independent application.
- 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.
- Used CVS configuration management tool for code versioning and release.
- Involved in the SIT, UAT, Cutover and Hyper care activities and solving productions issues and doing Root Cause Analysis & troubleshooting operational issues.

Environment: Java/ J2EE, JSP, Hibernate,Multithreading, Spring Core, Spring Integration, Spring Batch, Distributed Cache, Servlets, JSP, Db2, JSTL, EL, HTML5, Mongo DB, Struts, KAFKA, Web Logic Application Server 11g, and Oracle 11g, Cassandra, SOAP web services, XML, XSD, SAX, SOAP, Feign, WSDL, Karaf, SOUPUI, XML Spy, UDDI, CXF, SOAPUI, Maven, SVN, SQL Developer, IBM WebSphere, Junit, Mockito, GIT, ATG, log4j, HTML, GWT, JQuery, Angular JS, Ext JS, React Js, D3 JS, Node JS, Polymer JS, JavaScript.

Travelers, Saint Paul, MN	**Jan 2013 - July 2014**
Role: J2EE/Java Developer - Technical Consultant	

The Travelers Companies is an American insurance company. It is the second largest writer of U.S. commercial property casualty insurance and the third largest writer of U.S. personal insurance through independent agents. Travelers is incorporated in Minnesota, with headquarters in New York City. Agency Billing is the billing system for Insurance Agents who bring business to the Company. This system involves the upkeep and maintenance of billing cycle for volunteer and non-volunteer customers and creating Management Information System (MIS) reports for Business and Senior Management reviews.

Responsibilities:
- Participated in the requirements analysis and technical assessments.
- Developed class diagrams/sequence diagrams using **UML and Rational Rose**.
- Worked on Agile environment and participated in **SCRUM** meetings.
- Used **Struts2** framework and **J2EE** components to develop Action classes, backend processes, complex reports and database interaction.
- Developed code obtaining bean references in **Spring IOC** Framework.
- Involved in designing & coding of business logic using **Spring MVC & AOP** features.
- Configured and worked with Apache Server.
- To ensure cross-browser compatibility including IE 8, Firefox 3.5, Safari 4 and Chrome 4.0.
- Designed and developed for the Presentation layer using **JSP, HTML, JavaScript, DOJO struts** Tiles.
- Develop Web pages using **JavaScript, JQuery, JSP, JSF and XML** that interact based on events.
- Developed the application under J2EE architecture using JSP, Struts, Java Beans, **iBATIS** Data mapper.
- Involved in designing components with design patterns like Factory, Singleton, Front Controller, Business Delegate, DAO, DTO, and Facade.
- Installed, configured, and maintained a continuous integration (build) server.
- Designed and developed Session beans to implement business logic.
- Designed and developed **data persistence** mechanism using Hibernate in Struts2 applications.
- Created SQL's from views and queries to interact with multiple systems for data.
- Developed a robust administration and security system for access control and restrictions at application and user level.
- Performed J2EE application deployment using **IBM WebSphere** Application Server on Windows and Linux.
- Used Oracle and Cassandra

- Used **WebLogic and WebSphere Application server** for Transaction management and hot code swapping.
- Developed deployment descriptors and scripts.
- Used **PL/SQL** for writing stored procedures.
- Used Bugzilla tracking tool to track bugs.
- Developed Junit test cases to unit test the business logic.
- Involved in the SIT, UAT, Cutover and Hyper care activities and solving productions issues and doing Root Cause Analysis & troubleshooting operational issues.

Environment: J2EE, JDBC, XML, JSF,MVC, iBATIS, java beans, java Servlets, EJBs, Oracle, HTML, CVS, PL/SQL, Websphere, WSDL, SOAP, Spring Frameworks, Shell Scripts, Eclipse, Struts, JDK 1.6, Core Java(Multithreading, Collections), JSP, JSTL, Spring Core, Spring Integration, Spring BatchServlets, XML, HTML, Java Script, AJAX, SOAP 1.2, WSDL, GIT, UML, JMS, JDBC, Shell Scripting, JUnit, log4j, JMS, Apache Tomcat, Oracle EBS R12, Oracle 11g Database, Cassandra, Unix/Linux, Agile, EJB 3.0, WebSphere 7.0,WSSR, IBM RAD 7.5,Oracle EBS suite R12, Maven, AXIS2

Byte AplhaSolutions(Client: South Shore Health Care),Hyd,India	May 2009 - Dec 2012
Role: Java Developer	

South Shore Health Care is the company that improves the cost-effectiveness of healthcare. As the business behind healthcare, South Shore Health helps pharmacies, hospitals and ambulatory care sites focus on care while reducing costs, improving efficiency and quality, and increasing profitability. This application also helps to generate reports to help doctors to track the various medications usage for research purpose.

Responsibilities:
- Worked in **Agile environment** with active scrum participation.
- Involved in Object Oriented Analysis (**OOA**) and Object Oriented Design (**OOD**) Techniques using Unified Modeling Language (**UML**)
- Developed JSPs strictly confining to the policy of no java use in them and **AJAX** was used for asynchronous Server calls
- Presentation tier of the application was built completely on **Struts framework,** heavily used **Struts Tag Libraries, Validators** and **Tiles**
- Designed and developed the CIS application using **Struts Dispatch Action**
- Developed the **Hibernate** entity classes using **Annotations**
- Developed Stored Procedures, Triggers and Functions Actively involved in tuning **SQL queries,** Stored Procedures, Triggers in **Oracle 10g**
- Designed and implemented the Dynamic Web Pages using **JSF**
- Used JavaScript for Client side validations
- Developed Java WebService using **WSDL,SOAP,UDDI** and **JAX-RPC and JAXB**
- Deployed the application on **IBM WebSphere App Server**
- Used version control tools **SVN, CVS** and Build tool **Log4j**

Environment: *JDK1.6, JSP, Struts 1.3.10, Hibernate 3.3, JSF 1.2, Oracle 10g, HTML, Java Script, CSS, JNDI,*

WebSphere 6.0, SVN, Ant, Log4j, AJAX, CVS, Eclipse 3.4, DK 1.3, Core Java(Multithreading, Collections), JSTL

Servlets, JSF, Struts, Net Beans 3.6, EJB 2.0, Eclipse 3.2, XML, HTML ,JavaScript, AJAX, SOAP, WSDL, UML, JDBC, Shell Scripting, JUnit, log4j, CVS, JMS, JBoss 4.0.4, Websphere Application Server, Oracle 10g, MS-SQL Server 2005, Windows NT , Unix/Linux