## **Harish ReddyDammanagari**

**Sr. Java Developer**

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**Professional Summary:**

* **8+ Years** of experience in the IT industry with diversified exposure in Software Process Engineering, designing & building a Web Application using **Java/J2EE Technology & Open Source Technologies.**
* Extensively worked on **core java concepts like Multi-Threading, Inheritance, Abstraction, Encapsulation, Polymorphism, Exception handling and Collections Framework.**
* Experienced in all phases of **Software development life cycle (SDLC)** and have rich experience working with software development methodologies **(Agile, TDD and Waterfall).**
* Have Strong experience in **Database Design, Normalization, Data Flow Diagrams, Coding, Testing.**
* Had a strong development skill in **Java, J2EE, JDBC, JSP, Servlets, EJB J2EE, HTML, XML, XSL, Java Script, DB2, Oracle, MYSQL**
* Expertise in client side designing and validations using **HTML, DHTML, CSS, Java Script, AJAX, JSP, XML, JSF.**
* Experience in deploying applications using Application Servers like **WebLogic, JBoss, Oracle App Server, Web sphere, Web Server, Apache Tomcat.**

• Experience in implementing **RESTful web services and SOAP** based web services **Frameworks.**

* Involved in developing Java web-based interfaces using **HTML5, CSS3, jQuery, XML and JSON.**
* Had Experience with spring modules like **spring MVC, spring IOC, spring Security, spring boot.**
* Experienced in implementing DAO layer using ORM tools like Hibernate core interfaces, annotations, and optimizations.
* Extensively worked with **REST GET** and POST using basic HTTP Authentication.
* Extensive experience in **SQL, Stored Procedures, Functions and Triggers with databases such as Oracle, IBM DB2 and MS SQL Server.**
* Experience in working with **IDE** tools like **Eclipse with Java 1.8.**
* Used latest implementations and methods of Java 1.8 like **Lambda Expressions.**
* Extensive development experience on different **IDE's like Eclipse, JBoss, RAD and NetBeans for debugging and using java coding standards.**
* Experience in using **CVS, SVN and GIT** for version control.
* Experience in using **Maven and Ant** for build automation.
* Experience in writing the scripting language Groovy which can run on Java virtual machine.
* Developed **JUnit** test classes using **Mockito** for web service classes
* Good debugging skills that deep diving into technical issues, collaborating with cross-domain experts, handling clients with different priorities and mind sets, both onsite and remote.
* Testing and implementing and Post-production analysis of the projects.

**Technical Summary:**

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| **Languages** | **Java, Python, C, C++, C#, PL/SQL, UML.** |
| **J2EE Technologies** | **JSP, Servlets, JDBC, Java Mail API, JMS, JSTL, JUnit, Log4j** |
| **Framework** | **Struts, Spring 3.0+, Spring MVC, Spring boot** |
| **ORM Frame work** | **Hibernate 3.0 + and JPA** |
| **Build and Configuration** | **Maven, ANT** |
| **Application/Web Servers** | **JBoss, Glassfish 2.1, WebLogic, Web Sphere, Apache Tomcat server.** |
| **Web Technologies** | **HTML5, CSS3, Bootstrap, JavaScript, AJAX, jQuery, TypeScript, Angular** |
| **IDEs** | **Eclipse, IntelliJ, NetBeans, Visual Studio** |
| **Web Services** | **JAX-WS, JAX-RS, SOAP, RESTFUL, JAXB, JAXP** |
| **Version Control** | **GitHub, SVN** |
| **API Testing and Developer Tools** | **Postman, Swagger** |
| **Database** | **MySQL, Oracle 11g/10g/9i, MongoDB, Google Firebase, SQLite** |
| **Platform** | **Windows 7, Windows XP, Windows NT, Unix, Linux, Solaris.** |

**Professional Experience:**

**Exxon Mobil, Houston, TX. Jul ‘16 – Till Date**

**Sr.Java Developer  
Project: Home Energy Comparison Tool**

HECT tool is developed and integrated with in the Exxon Mobil Application. If the users want to compare their electricity bills with the similar kind of houses, they can utilize this comparison tool and know their range of power utilization. Apartments/Individual houses people [Exxon Mobil Customers having account] can give their details like House SQFT, age of house, A.C/Pool, number of persons living in the house as input to the tool and can compare their electric & gas bills with the similar kind of houses. Comparison is shown using different charts which show their actual monthly bills and the comparative bills which are obtained through calculations from HECT tool.

**Responsibilities:**

* Actively involved in Analysis, Design, Development, System Testing and User Acceptance Testing. Successfully followed agile methodology in the Scrum Cycle model.
* Designed and developed **Webservices** using **REST framework and Spring Boot** and used Bootstrap along with AngularJS in creating the Application.
* Extensively used **MVC, Factory, Delegate and Singleton** design patterns.
* Used Spring framework including **Spring core/IoC, Spring Web, Spring Security and implement the authentication, authorization, and access-control features by using Spring Security.**
* Used Spring Inversion of Control (IoC) for injecting the beans and reduced the coupling between the classes and implemented the **Model View Controller using Spring MVC.**
* Implemented **HTML5** using **java 1.8** to develop UI layers.
* Deployed **EARs, WARs,** and configured application specific JVM settings, Web container parameters using the Admin Console and WebSphere admin scripts.
* Used Concurrent API in building the application with Java 1.8.
* Enabled security for the Admin Console and application components.
* Worked on creating the Docker containers and Docker consoles for managing the application life.
* Managed production support and troubleshooting for various SOA Applications.
* Application and developed cross browser and multi browser compatible web pages using **HTML5, CSS3, Bootstrap.**
* Implemented code according to create **AngularJS**Controller, which isolate scopes perform operations.
* Implemented **REST** based web services using **JAX-RS** annotations, Jersey provider and consumed using HTTP services from **angular JS modules.**
* Responsible for setting up **AngularJS framework** for UI development.
* Used **Spring framework** to provide loose coupling between different application modules.
* Developed **Hibernate with Spring Integration** as the data abstraction to interact with the database of MongoDB.
* Used Microservices to communicate using synchronous protocols **HTTP and REST** for implementing SOA.
* Developed unit tests with **JUNIT and Mockito**. Wrote automated regression tests using **JMeter.**
* Developed build tasks to run the unit tests on Jenkins and maintaining separate build in **Maven** for the module for easy integration to the portal build and configure with Jenkins.
* Tracking the versions of key system artifacts and source code in version control software using **GIT**
* Worked in all the modules of the application which involved front-end presentation logic developed using, **JSP and Java Script,** Middleware layer using Servlet and Controllers, Business objects developed using Page Beans and data access layer using **iBatis**and **Hibernate framework.**
* Used **Apache Maven** for project management and building the application.

**Environment:**Java, J2EE, JDK 1.7/1.8, Git, SOAP/Rest, Web Services, JavaScript, UML,HTML5,CSS, JAXB, JAX-WS, JAX RPC, JMS, JSF, UNIX, NOSQL(MongoDB), Angular JS,Nodejs, ReactJS, AJAX, Apache JMeter,jQuery, JUnit, Oracle 10g, Jersey, Spring MVC, hibernate framework, AngularJS framework, Log4j, Maven/ANT build tool.

**OptConnect, Kaysville, UT Nov ‘14 – Jun ‘16**

**Sr. Java Developer**

**Project: Common Data Model**

CDM (Common Data Model) is a J2EE enterprise application developed to bridge the gap between legacy systems and current ERP based solutions for healthcare operations at BSC. The application helps the Business Analysts to perform data migration from legacy to ERP solutions. Various solutions to track the migration like emailing the issues faced to the concerned business analysts, configuring, and reviewing the customized messages on the ID cards and the messages to be printed on the EOB documents, manipulating operations involved (exclusions/inclusions of individual members/groups) in customizing the details related to the 2% pledge program etc.

**Responsibilities:**

* Responsible for the analysis, documenting the requirements and architecting the application based on **J2EE standards.**
* Extensively used core java concepts like **collectionframe work, multi-threading, OOPS** and **Exception Handling**.
* Designed dynamic and browser compatible pages using **HTML5, DHTML, CSS3, BOOTSTRAP and JavaScript.**
* Used **Hibernate**, object relational-mapping (ORM) solution, technique of mapping data representation from **MVC** model to Oracle **Relational data model** with SQL-based scheme.
* Used the Java Collections API extensively in the application as security protection for **XML, SOAP, REST and JSON** to make a secure Web Deployment.
* Involved in developing web pages using **Angular JS Framework** and familiar with various Angular JS directives and services.
* Developed various Action classes and Form bean classes using Struts framework.
* Worked on the **REST Web Services** and used **Spring Framework** and developed the Spring Features like Spring Core, Spring IOC, Spring AOP, Spring Data Access, and spring web test, **Spring MVC, Spring DAO, Spring Boot, Spring Batch, Spring Security, and Spring Integration.**
* Developing Intranet Web Application using **J2EE** architecture, using **JSP** to design the user interfaces and Hibernate for database connectivity.
* Implemented functional interfaces with java 1.8.
* Extensively worked on developing front end, business, and persistence tier using the Struts, **Spring MVC** and **Hibernate frameworks** during the application development.
* Created database objects like tables, views, Materialized views, procedures, and packages using PL**/SQL**.
* Development of Hibernate objects for data fetching for batch and front-end processing.
* Worked with **Java 1.8** new version of **Java collection API**.
* Extensive working experience in **RDBMS** design and implementation in **Oracle, DB2, MySQL, PL/SQL, MS SQL,** and**PostgreSQL.**
* Implemented different Design patterns like DAO, Singleton Pattern and MVC architectural design pattern of spring framework.
* Designed and developed the new features in the existing application to meet the customer's satisfaction.
* Worked with data parsing forms such as **JSON**, to dynamically display data.
* Created Persistence classes using **JPA.**
* Involved in writing **Oracle PL/SQL** Stored procedures, triggers, and views.
* Wrote **JUNIT** test cases for web servers.
* Involved with Sprint Planning, Sprint grooming, Allocation of User Stories using Jira.
* Used **Log4J API** for logging and debugging.

**Environment:** Java, J2EE, JDK 1.7, Hibernate framework, AngularJS framework,Spring Core, Spring IOC, Spring MVC, Struts, JavaScript, jQuery, JSON, Spring DAO, Spring Boot, Spring Batch, spring Security, Spring Integration,JSP, Oracle, PL/SQL, XML, AWS, spring web flow, Maven, JUnit, React Js, REST web service, HTML, CSS, SASS, AJAX, JIRA, Angular JS

# Quest Diagnostics, Lyndhurst, NJ Aug’12 – Oct ‘14

**Sr. Java Developer**

**Project: Open System**

Quest Diagnostics Incorporated is a corporation that provides clinical laboratory services. This system provides Patient Administration, Billing Management functions for the hospital. The major functions of Administration module are Allocating Registration, Recording Personal Details, assigning Insurance Details, Retrieving Patient history records from other hospitals. The Billing module allows Billing and receivables, investigates multiple modes of Payment and Rates Definition for Services.

**Responsibilities:**

* Involved in gathering and analyzing business requirements and converting them into technical specifications.
* Followed Agile Methodologies to produce high quality software.
* Extensively used subversion in creating branches and merging the code between branches.
* Used Core Java features such as **Multi-Threading, Collections**, and **Exception handling** to efficiently process high volume transactions.
* Wrote test cases for unit testing with the help of **JUnit** framework.
* Designed and developed front end using **JSP, JSTL, JQUERY and other custom tag libraries.**
* Used **jQuery and JSF** validation framework for front end validations
* Expertise in Web Page development using **HTML5, CSS, JavaScript, XML, XSLT, AngularJS.**
* Developed user interface using **JSP, JSP Tag libraries, Struts Tag libraries.**
* Developed Business logic with the help of spring and Data Access was implemented by using Hibernate.
* Configured and used **Web Logic** content management to display content in JSP view components
* Used Spring framework in the development of a business bean and to interact with the Hibernate ORM tool
* Experience in implementing Web Services in-order to communicate between different distributed components using with SOAP Protocol using Apache Axis.
* Added the required jar files to the application as dependencies to the **pom.XML file.**
* Used **ANT** Script for building and deploying the application.
* Designed and developed several **RESTful web services** that support **JSON** for other developers to access
* Involved in consuming, producing **Restful web services using JAX-RS**
* Involved in configuring and deploying the application using **Web Logic, Apache HTTP.**
* Provided Transaction Management using the **Hibernate configurations** and Involved in integrating the **business layer** with **DAO layer** using **JPA**.
* Used Maven for building and managing dependencies of the application.
* Developed Unit /Integration test cases using Junit.
* Use Eclipse as IDE tool to develop the application and **JIRA** for bug and issue tracking.
* Implemented a Continuous Delivery pipeline with **Jenkins and GitHub.**
* Set up **Jenkins server** and build jobs to provide continuous automated builds based on polling the Git source control system.

**Environment:** Java, JDK 1.5, Core java, JSP, Hibernate, spring (AOP, Dependency Injection), XML, Tortoise SVN, JSP, Spring MVC, J2EE,JavaScript, HTML, CSS, Eclipse, JUnit, BEA WebLogic,JUnit, Maven, Web Sphere, UML, SOA, SOAP, Log4J, Oracle, JavaScript, AJAX, JIRA.

**Rail Road Commission,** **Austin, TX Nov ‘10 – Jul ‘12**

**Java Developer  
Project: Ground Water Application**

The RRC Online System page is your initial landing page. The RRC Online System allows authorized entities to electronically file forms with the RRC online. You must use your RRC-provided username and password to log into the RRC Online System. Applications can be filed online over the internet using a web browser.

The GW-1 Dashboard is the main landing page of the Groundwater Application: GW-1 application site, and provides the ability to submit, resubmit, view, create, and/or edit Groundwater Applications. Admin and Geologist Level review submitted application.

**Responsibilities:**

* Developed application using **Eclipse IDE** and **BEA WebLogic Server**.
* Responsible for gathering the requirements of the whole system.
* Used Java mail for automatic generation of mails to the corresponding users/agents regarding claims processing status.
* Used Singleton pattern for accessing property files and factory classes.
* Involved in writing the **Middleware** components (Business helpers) like logging framework, webservice helpers and login information which are used in various java applications
* Responsible for creating/generating **Hibernate** classes and configuration **XML’s** and to also manage **CRUD** operations (insert, update, and delete)
* Worked with **core Java code** extensively using interfaces and **multi-threading** techniques.
* Involved extensively in architecture, design and development using **JSP, XSLT, XML,** Object Oriented JavaScript, **AJAX API**, and Metavante Web frame UI Presentation framework.
* Involved in extensive architecture, design, coding, debugging, and testing of the **J2EE** components and the Java Objects adhering to the application framework.
* Added the required jar files to the application as dependencies to the **pom.XML file.**
* Used **JSF & Struts** frameworks to interact with the front end.
* Developed**J2EE** components on **Eclipse IDE.**
* Involved in extensive coding using **Hibernate** as the Persistence layer and **JMS MDBs** as the JMS Messaging Components, Stateless and Stateful Session Beans as the Workflow Components.
* Extensive use of **SOAP web service**s and Struts Framework for the UI development.
* Extensively used **Java Collection API** to improve application quality and performance.
* Used **JExcel** framework for reading and writing excel files.
* Configured **log4j** to enable/disable logging in application.
* Performed Functionality, Integration, Regression, Performance testing and UAT on the migrated code using Automated test tools and manual tests.

**Environment:**  J2SE1.4, Servlets, JSP, EJB, J2EE, Java Mail, XML, SAX, DOM, Oracle, SQL, Eclipse, CVS, Unix, JUnit, Hibernate, BEA WebLogic, JSP, JavaScript, JSP Custom Tag Libraries (JSTL), HTML, CSS, XML, Java Script, jQuery, JSON, JUnit Testing framework, SQL Server 2008.

**Quest soft Solutions, India Jun '09 – Oct ‘10**

**Java Developer  
Project: Alert and Slide Viewer Portlet**

The Alert Framework presents an interface to send and view broadcast alerts that notify portal users when an event occurs. Broadcast alerts are messages sent manually by an authorized user to targeted users and groups providing timely information. Authorized users can specify which users and groups will receive the broadcast alert. Portal users do not need to be logged in to receive general broadcast alerts meant for all users. However, users must be logged in to receive alerts specific to them or any groups to which they belong. The Slide viewer portlet is used for displaying the power point presentation without invoking any external viewer. This portlet basically uses conversion tool which will convert the PPT to JPEGs. The portlet will display the JPEGs. User can upload multiple PPTs on different instances of the portlet simultaneously.

**Responsibilities:**

* Development and implementation of tool.
* Developed **JSP** custom tags to display data.
* Version Maintenance using **CVS**.
* Worked on**Unix**shell scripting.
* Worked with testing team to find and fix the code bugs.
* Wrote Unit test cases and test the application changes.
* Experience in server-side programming using **JSP**, **corejava**, and **Servlets**.
* Followed Model, View and Controller Architecture **(MVC)** for the project development.
* Used **Struts** framework for an implementation of web applications.
* Used Java **Exceptions** and **Collections**. Worked on relational databases such as **SQL Server.**
* Used **MVC** (Spring) to implement MVC controllers and to deploy execution flow in the servlet Environment.
* Designed and developed front end using **JSP, JSTL, JQUERY and other custom tag libraries.**
* Created several **JSP's** and populated them with data from databases using **JDBC.**
* Designed and developed **EJBs** to handle business logic and store persistent data.
* Involved in coding using **Java Servlets,** created web pages using **JSP's** for generating pages dynamically.
* Involved in developing forms using **HTML** and performing client-side validations using JavaScript.
* Developed server-side functionality for Admin Interface features (adding a User, Modifying the User Details, Assigning Roles, Modifying Roles etc.).
* Used **J2EE** Singleton design pattern.

**Environment:** Java, J2EE, Servlets, Struts, Junit, EJB, BEA WebLogic, JDBC, SQL,Servlets, JSP, Java Mail, XML, SAX, DOM, Oracle, SQL, Eclipse, Hibernate, JavaScript, JSP Custom Tag Libraries (JSTL), HTML, CSS, XML, Java Script, jQuery, JSON, JUnit Testing framework, SQL Server 2008.

**Education:** Bachelor’s in Engineering from JNTU- India