**THIRUPATHI P**

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**PROFESSIONAL SUMMARY:**

* **8+ years** of work experience as a **Java/J2EE** programmer, developing applications using **Servlets, JSP, JSTL, RMI, EJB, Struts, Spring, JSF, Java Beans, JDBC, JMS, Hibernate and MVC architecture**
* Experience in designing **Use Cases, Class diagrams, Sequence and Collaboration diagrams** for multi-tiered object-oriented system architectures utilizing **Unified Modeling Tools (UML)** such as **Rational Rose**, **Rational Unified Process (RUP)** Working knowledge of **Agile Development** methodologies
* Conversant with various design patterns **Model View Controller (MVC), Front Controller, Business Delegate, Service Locator, Session Façade, Data Access Object(DAO), Data Transfer Object , Abstract Factory, Singleton**
* Extensive experience in developing web page quickly and effectively using **JavaScript**, **JQuery, HTML5**, **CSS3** and also in making web pages cross browser compatible
* Hands on experience in the areas of Web applications using **J2EE technologies** like **Java, Servlets, JSP, EJB, JDBC, Web Services (SOAP, RESTful, WSDL)**
* Strong Hands on experience with **Struts, spring, Hibernate** and **JUnit** frameworks
* Expertise in developing **Middle-Tier components using Enterprise Java Beans (EJB), JNDI and other Remote Components**
* Experience in writing applications using Java/J2EE & related technologies such as **Hibernate3, EJB3, Struts Servlets, JSP, JDBC, Java Beans, XML, XSL, HTML, SQL, PL/SQL middleware technologies such as Web Services, SOAP and WSD**
* Extensive use of Open Source Software such as Web/Application Servers like Apache **Tomcat 6.0/7.0/8.0 and Apache Struts, LOG4J** for logging information and exceptions, Apache **ANT1.9 for making build scripts, VSS, Clear Case for version control system, Eclipse 3.x, Net Beans 6.x IDE**
* Extensive experience in Struts **Tag Libraries and Custom-tag implementations in JSP to embedded business logic**
* Experience on Java **Multi-Threading, Collection, Interfaces, Synchronization, and Exception Handling**
* Good experience in writing **SQL Queries, Stored Procedures, functions, packages, tables, views, triggers** and data connectivity and data integration of Oracle. Used various web servers like **Apache Tomcat, JBOSS, Weblogic** and **IBM Websphere**
* Experience in using Version Control Systems like **CVS, SVN, Harvest** and **Clear Case**
* Good at designing **Design Documents, Unit Test Case, Integration Test Case**, Integration Test Plan documents and estimating the assigning tasks
* Experience in writing and executing **unit test cases** using **JUnit Testing Framework.** Knowledge on Business logic integration like **DROOLS**
* Good interpersonal skills, **excellent verbal, written and presentation** skills and can work both independently and in a team
* Highly organized with the ability to prioritize work load, manage multiple projects and meet project deadlines by following project standards and procedures as per client specifications

# **Technical Skills:**

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| **Languages** | Java (J2SE1.7/1.6/1.5, J2EE1.6/1.5/1.4), C, HTML, Java script, SQL, XML1.0. |
| **J2EE Technologies** | JDBC, JSP2.0/1.2, JSTL, Web Services (SOAP and REST), JMS1.1, HTML, Java Script1.x, Servlets2.x, JavaBeans, JDBC, RMI, EJB3.0, Struts, RMI, EJB3.0/2.1, Hibernate, Spring, SAX, DOM, AJAX, JAX, LDAP. |
| **Framework/ API** | Struts 1.x/ 2.0, Spring 3.2/2.0, Axis, Jersey, JUNIT4.x, Log4j, JAXP1.x, and JAXB2.1. |
| **Web/Application Servers** | Apache Tomcat 7.x/6.x, JBoss6.0/7.0, Web Sphere8.x/7.x, WebLogic10.3/9.2 |
| **IDE/ Tools** | Eclipse3.2/3.0, RAD, Net Beans6.x, Rational Rose, SOAP UI, TOAD, Rally, Putty, Secure CRT, Http Watch. |
| **Database** | Oracle12c/11g/10g/9i, MS-SQL Server 2008/2005, DB2 9.1/8.1, MySQL5.1/4.1. |
| **Operating System** | Linux, Unix, MAC, Windows, MAC-OS. |
| **Design Modeling**  **Testing Tools** | OOA/OOD, UML, MVC, Front Controller, Session Façade, Singleton.  JUnit 4.x, Load runner 11.0/11.5, Quick Test Pro, HP Performance Center. |
| **Version Control** | CVS, SVN, GIT |
| **Methodologies** | Agile Methodology, Waterfall, Extreme Programming. |
| **Build Tools** | Ant 1.7, Maven 2.x, Jenkins 1.2 |
| **Misc. Tools** | MS Office, Visio, MS Project |

### Work Experience:

**Equifax, Atlanta, GA Jan 2018 – Till date**

**Sr Java/J2EE Developer**

Equifax Inc. is a [consumer credit reporting agency](https://en.wikipedia.org/wiki/Consumer_credit_reporting_agency). As Sr. Java/J2EE developer to a project used by the customer support users to add/upgrade/downgrade the services and applies promotions to the customers. This application unifies and displays the customer information from various systems including Customer Profile, Billing, Promotions and Service Requests and make updates to the customer data in appropriate systems

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development
* Developed a prototype of the application and demonstrated to business users to verify the application
* functionality
* **Developed UI** for various modules with **Spring MVC** combined with Java script framework **JQuery**
* Implemented the required functionalities into the existing legacy application with eye towards **Service Oriented Architecture (SoA)**
* Involved in designing and implementation of end to end application flow **(UI, Service, Application or business and persistence layers)** for multiple modules
* Used **Spring MVC** to decouple business logic and view components
* Involved in designing and developing the front end of the application using **JSF**, **JSP, Java script, HTML and CSS**
* Used **servlets** as Front Controllers and **JavaScript**, **Dojo** for client side validations
* Developed **JSP** custom tag libraries, and associated support in the Action Servlet, that assists in creating interactive form-based applications, which is the one of the primary area of functionality using **Springs**
* Designed and documented **Proof of Concepts (POC)** for various scenarios and trained team members
* Used spring components and concepts like **Aspect oriented Programming (AoP),** Dependency Injection **(DI), MVC, DAO, Transaction Management etc.**
* Used **Hibernate** as **ORM** tool in persistence layer and develop **POJO's, Data Access Object (DAO)** to handle all database operations
* Implemented **Web Service** client using **CXF** and **spring.**
* Implemented **EJBs** Session beans for business logic.
* Implemented **JavaScript** Client side validation and some server side validation with java code as per the requirements
* Used **XSLT** based transformations
* Configured the adapter for Event processing that can be synchronous or asynchronous, and listeners within the adapter to provide support for **SOAP** over **HTTP, HTTPS**, and **JMS** transports
* Involved in writing **ANT** scripts for various deployment scenarios
* Involved in writing **Test Suites** and **Test Cases** for unit testing and implemented unit testing using JUnit
* Worked with **IBM WebSphere Application Server (WAS**) and used various **IDE’s RAD, WID, WSAD, Eclipse and My Eclipse**
* Maintained the Production and the Test systems
* Worked on bug fixing and enhancements on change request
* Involved in documentation, review, analysis and fixed post production issues.

**Environment:** Java 6.0, Spring MVC, JQuery, JMS, XSLT, Linux, RAD7, WAS 6 and 7, Spring components, , CXF, SoapUI, GIT, JUnit, Ant, IDE, HTTP, SOAP, ORM, DOJO, Hibernate.

**United Airlines, Houston, TX Jan 2017 – Jan 2018**

**Sr Java/J2EE Developer**

United Airlines, Inc., commonly referred to as United, is a major American airline headquartered in Chicago, Illinois. It is the world's third-largest airline The United IT team designs, develops and maintains massively scaling technology solutions that are brought to life with innovative architectures, data analytics and digital solutions. The Senior Developer's role is to lead the efforts to plan, design, develop and launch efficient systems and solutions in support of core organizational functions

**Responsibilities:**

* Involved in various phases of **Software Development Life cycle (SDLC)** of the application like **requirement gathering, Analysis, Design, development, Design, implementation, Testing and Support**
* Used **Agile** and Scrum methodology and developed Object diagrams, Class Diagrams and Sequence diagrams using **UML**
* Responsible for developing the presentation layer using **HTML 5, JSPs, Servlets, JavaScript, JSLT and CSS.**
* Used **Struts Tiles** framework for designing the layouts and easy maintenance of the **JSP** pages
* Implemented Model View Controller**(MVC)**architecture using **Struts** framework andmiddle tier frame work as **Hibernate**
* Involved with **Spring IOC** and Dependency Injection concepts to integrate **Hibernate**
* Developed **servlets** in business logic layer
* Implemented **XML** and Web Services.
* Used **Hibernate** as Object relational mapping tool for mapping Java Objects to database tables
* Used **PL/SQL** to write Stored Procedures and Commands
* Used **Oracle 11g** to retrieve, insert, update and delete the data from the database
* Implemented Logging framework using **Log4J.**
* Created test cases for **DAO Layer** and service layer.
* Developing **Unit Test cases** for testing the application functionality
* Used **Glassfish 4** to deploy code in eclipse
* Used **CVS** for Version controlling.
* Involved in preparing documents for the application.

**Environment:** J2EE 1.6, Java 1.4, Struts 2.0, Spring IOC, Hibernate 4.0, JSP, MVC, Servlets, HTML 5, CSS 3, JDBC, XML, eclipse, RAD, JavaScript, SOAP, WSDL, Oracle 11g, PL/SQL, Log4J, Glassfish 4.

**Empire Blue, New York, USA Jan 2016 – Jan 2017**

**Java/J2EE Developer**

Empire Blue is a leader in providing health insurance coverage to its members in New York State and nationwide accounts, serving about 5 million members. The current system is a web-based application that is useful for both the Empire and its customers all over. The health care service provider will interact with this system to view the benefits that are covered for the insurance holders (In-Out patients).

**Responsibilities:**

* Created a whole new application with many **new features and enhanced security.**
* Used **Springs** framework for implementing **MVC architecture and Batch frameworks**
* Developed **JSP** and **HTML** pages using **CSS** as part of the presentation layer
* Data access layer is implemented using **Hibernate**
* Used **Apache POI** to generate Excel documents
* Worked extensively in the backend **Oracle** database
* Developed **Web Services** to implement **SOA** using **SOAP**
* Data from the clients is retrieved using **Hibernate**
* Developed **lookup tables** and views for quick processing of database queries.
* Developed design and **use case diagrams** using **Rational Rose**
* Used **jQuery** for achieving cross browser viewing enabled
* Used **JMS** for point-to-point Messaging.
* Worked in developing **web services** using SOAP architecture.
* Was actively involved with **production and support**.

**Environment**: Java 1.7, Spring 3.0, Hibernate 3.5.0, JSP, HTML, CSS, ANT, SAML, SOAP, Hibernate, Windows 7, Oracle 11g, JBoss 7, Tomcat Server, XML, SVN, jQuery, JMS, UML.

**United States Department of Agriculture (USDA) – Kansas, KS Nov 2014 – Dec 2015**

**Java/J2EE Developer**

The United States Department of Agriculture (USDA) is the world-leader in consumer transaction technologies converting every transaction into business. The project E-STORE is to provide Online shopping facility transactions to all users. The important modules of this project are Shopping, Payment System, and Shipping items to the address. Changes made to the product information and pricing at the back-end can be published on the E-Store.

**Responsibilities:**

* Responsible for analysis, design, development and unit testing
* Created web Pages using **XML, XSLT, JSP, HTML** and **JavaScript**
* Used **JavaScript** for client side validations
* Used struts framework and coded the project implementing **MVC Struts Framework**
* Designed and developed a user usage logging facility using Java, JDBC.
* Created **stored procedures** and **PL/SQL** statements to interact with the **MySQL** database
* Used **Log4j** and commons-logging frameworks for logging the application flow.

## **Environment:** Apache Tomcat 5.0, J2EE, JSP, Servlets, Eclipse, Web service, PL/SQL, Oracle, HTML, JavaScript, UML, Windows XP

**New India Assurance, India Sep 2012 – Aug 2014**

**Software Engineer**

### New India Assurance is a web, based insurance system. This system allows clients with internet access to complete their own claim form in a timely manner and transmit it immediately to the appropriate claim service center. It processes auto claims for glass and other auto related claims

**Responsibilites:**

* Involved in developing the presentation layer for the project.
* Designed prototype for the project in **JSP, Servlets,** **HTML/DHTML, CSS** and **JavaScript.**
* Designed the application by implementing **JSF** Framework based on **MVC Architecture**
* Developed the statistics graph using **JSP, Custom tag libraries, Applets and Swing in a multi-threaded architecture**
* Involved in writing data extraction mechanism using **JDBC.**
* Installing and configuring **Tomcat**
* Written **SQL** for the data extraction from the My SQL database.

**Environment:** Java 1.3, Servlets 2.2, JDBC, JSP 2.0, Tomcat 4.1, Eclipse 2.0, HTML, MY SQL 4.0, Windows 2000

**ECIL (Electronics Corporation of India LTD), India Aug 2010 – Aug 2012**

**Software Engineer**

**Responsibilites:**

* Assisted in creating the Export Control Program enforcement application using **Lotus Workflow 7.0** to check the **BOM of projects** against controlled lists in order to red-flag transactions that included banned items.
* Generated databases to standardize the employee information and created the access levels to the **ECP application.**
* Conducted migration of the application from the solitary Lotus database to Lotus workflow system in order to eliminate duplication **during data entry**
* Contributed in the **designing** of the application
* Created the views and the forms for storing the details about the **restrictions** and the script for **verifying** and **processing** the product constitution

## **Environment:** Lotus Domino Workflow 7.0