**Bharghav Yadav**

**SUMMARY:**

* Over **5 years**of strong software experience in design, development and deployment of web-based and Client-Server business applications using **OOP, Java/J2EE technologies**
* Extensive experience in working with **JSP, Servlets, EJB, JDBC and JNDI.**
* **Strong experience with Web Services/SOA concepts.**
* Experience with various J2EE design patterns like **Singleton**, **Command**, **Factory**, **Observer**, **Front Controller**, **DTO**, **DAO**, **MVC**, **Session Facade**, **Business Delegate**, **Service Locator**, **Transfer Object** and **View Object** in the development of enterprise applications.
* Experienced in front end technologies lik**e HTML, DHTML, Java Script, JSTL, CSS, AJA**X and XML technologies including **XML, XPath, and XSLT**
* Very well hands on development experience with Open source systems and in depth working knowledge of **Spring3.0, Hibernate3.X and Struts2.0 frameworks**.
* Excellent knowledge of implementing MVC architecture with frameworks like **Jakarta Struts 1.3/1.2, and Spring 2.5 Framework.**
* Extensive knowledge in using JDBC and Hibernate for persisting data to different relational databases.
* Worked on **IBatis** Framework to fetch data from Database.
* Experience in working on various servers like **Weblogic 10.3.4/9.0/7.1/6.1, IBM Websphere 6.0/5.x** and **Apache Tomcat.**
* Worked with different IDEs like **RAD 7.5/8, Eclipse 3.x, Toad, JBoss Developer Studio** and**NetBeans.**
* Hands on experience in developing both **SOAP** (JAX-WS) and **RESTful** (JAX-RS) Web Services.
* Experience of working with open source tools like **Apache ANT, JBoss EAP, Open Source Servers** like **Apache Tomcat.**
* Thorough knowledge and experience of relational Databases like **Oracle 9i/10g, SQL Server and MySQL 3.x/4.x/5.x.**
* Experience working with **Freemarker** to create Email Notification template and other Informational HTML files.
* Hands on experience with build tools like **ANT, Maven** and logging tools **like Log4J** and **SL4J.**
* Extensive knowledge in OOAD concepts of **Use Cases, Activity diagrams, Sequence diagrams** and **class diagrams** using **UML**. Worked on **IBM Rational Rose**.
* Well versed in using Software development methodologies like **Rational Unified Process (RUP)**, **Rapid Application Development (RAD),Agile Methodology** and **Scrum** software development processes.
* Good knowledge of Software Development Life Cycle (**SDLC**).
* Involved in writing **test cases** concepts and working knowledge of **JUnit** .
* Used **Postmen** and **Apache HTTP Request** client for testing Restful web services.
* Ability to test backend applications like **SQL**&**PLSQL** Statements.
* Excellent troubleshooting skills and proactive problem solving approach with excellent leadership, interpersonal and time management skills.
* Excellent communication skills, both written (documentation) and verbal (presentation).
* Reliable, responsible, innovative and versatile team player. Can work independently with minimal supervision or no supervision.
* Ability to understand the larger context of domain relevance and relate to overall application area.
* Experience working with Linux and Unix like Ubuntu, Cloudera, VMware Esxi, VCenter

**EDUCATION:**

* Bachelors in Computer Science from JNTU University India.

**TECHNICAL SKILLS:**

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| **Language** | Java, J2ee, C,C++,PHP,SQL,PL/SQL |
| **Application Servers** | IBM Web Sphere8.x/6.x/5.x, BEA Web Logic 10.x/9.x/8.x, JBoss 6.x/5.x/4.x |
| **Technologies** | Servlets, JDBC, JSP, Struts, Hibernate, Spring MVC, Spring Boot., node.js |
| **Web Servers** | Apache-Tomcat, JBOSS |
| **Web Technologies** | Html, CSS, Java Script, Jquery, Ajax, Angular.js, Knockout.js |
| **XML Technologies** | XML,DOM, JAXB |
| **Database** | Oracle 9i/10g/11g, PL/SQL, MangoDB, MySQL |
| Build Tool | Ant, Maven |
| Testing | JUnit |
| IDE Tools | Eclipse3x,NetBeans,RAD.5/8,JDeveloper,JBoss Developer Studio |
| **Version Control** | SVN, CVS, IBM rational clear case, Git |
| **Operating Systems** | Windows98/2000/XP,Vista,UNIX,Linux |

**PROFESSIONAL EXPERIENCE:**

**Client : DecisivEdge, Newark, Delaware**

**Role : Java/J2ee Developer**

**Duration : Sep 2015 – Till Date**

**Project : Student Loans, E-Commerce Application**

**Project Description:** The project is to develop a web application to manages all the student loans and provide ability to purchases and sale loan. The application deals with various modules such Loan Management, Disbursements, Loan consolidation, Payoffs, Adjustments, Refund and Sale Management. Also worked on Ecommerce application, the goal is to provide quality marine products and service to the customers.

**Roles and Responsibilities:**

* Participated in daily scrum to provide bi-weekly sprint updates for various tasks.
* Performed task estimates, reviewed and updated the Business Requirements Document (BRD),System Requirements Specification (SRS), and various user stories.
* Used Object-Oriented Analysis and Design (OOAD) methodologies.
* Used MVC, DAO, DTO, Business Delegate and Singleton design patterns.
* Used HTML5, CSS, JavaScript, Jquery, knockout.js, Bootstrap for creating user interactive interfaces for web applications.
* Extensively used knockout.js and Bootstrap develop various modules and provide role based access using annotations.
* Implemented Ajax calls to perform server actions.
* Used Restful Web services to create end points, which are accessed from UI
* Developed controller and Service class in the Spring MVC application.
* Developed controllers, repositories, Service modules, form beans and validations.
* Developed beans and persisted bean in the database using JDBC and Hibernate.
* Involved in connecting bean with database using Hibernate configuration file.
* Involved in development of SpringDAOlayer which invoked database queries
* Written JUnits for unit level, functional level test cases.
* Fixes bugs reported by QA for the software.
* Created Store procedure, triggers and view in the SQL server to perform business logic.

**Environment:** Java, Spring, Spring Boot, Hibernate,SQL Server, JSP, Servlets, JavaScript, Design Patterns, HTML, CSS, Maven, Knockout, Bootstrap XML, JDBC, UML, JNDI, JUnit, SVN, web services (JAX-RS), Log4J, Agile, Tomcat.

**Client : ISO-NE, Holyoke, MA**

**Role : Java/J2ee Developer**

**Duration : Oct 2014 – Sep 2015**

**Project Description**: ISO-NE is a Regional Transmission Organization securing the New England Area. The Main purpose of our project is to provide policy rating functionality for the enterprise, by ensuring day-to-day reliable operation, power generation and transmission.

The Forward Capacity Tracking System (FCTS) is an application used to track assets and their association with the Forward Capacity Market.  FCTS is responsible to maintaining the inputs and outputs to the FCA Auction and other FCM related activities and serving as the “system of record” for most FCM related data. Also Worked on In-House project to develop Standalone application for Infrastructure security system called Visitor Watch. Implemented Restful Web services, the request flows form UI to Web Services API layers and Service layer to fetch data form database, converted it to accessible format and load it so to access.

**Roles and Responsibilities:**

* Interacted with Business users and Business Analyst to gather requirements.
* Involved in the analysis & design of the application using UML with Rational Rose.
* Involved increating restful web servicesby using **JAXB** and **JAXRS** components.
* Worked on **Springs Framework** and **Ibatis** based on MVC at the DAO Layer.
* Used **Struts** framework for implementing **MVC2** architecture.
* Extensive use of HTML, JSTL, JSP and JQuery, Angular JS for the presentation layer along with Java script for client side validation.
* Developed Custom Tag Libraries for the use in web pages by using JSTL packages for the development of the Web Pages.
* Developed Application controllers, Business and Data service modules for the web applications.
* Implemented Restful web services (JAX-RS).
* Used JNDI to lookup for the data sources required
* Developed User interface screens using JSP, Ajax, JavaScript, Jquery, CSS and HTML.
* Worked on SOA/Web Services and created request and response WSDLs
* Used Design Patterns like Factory, Singleton, Value Object and DAO pattern.
* Designed tables in Oracle10g database and worked with Database Developers for implementing Stored Procedures in the application
* Assisted Database Developers using PL/SQL for managing data associated with the tables.
* Used JSON to load data into JQUERY data grid.
* Used JSON as response type in REST services.
* Used JAXB for generation Bean classes based on the XSD Type definition.
* Involved In Performance and SQL Query Optimization.
* Used Maven for dependencies and configuration management.
* Fixed bugs based on the output from Vera code security Application scan tool.
* Debugging and troubleshooting any technical issues while implementing the applications.
* Monitored the error logs using Log4J and fixed the problems.
* Developed Maven scripts for the build and deployment of J2EE components in application server.
* Used Spring Boot Scheduler Annotations to perform time specific Jobs.
* Worked on Spring configuration XMLfile to load required classes and packages.
* Used FreeMarker Templates to send Email Notification.
* Worked on Jboss IDE, Jboss Management for deployment of the Application War.
* Involved in writing, test cases and overall Unit testing of the system.
* Used POSTMEN client for testing developed Web services and written JUnit class for testing API layer and Service Layer to accomplish TDD approach
* Used Maven to build the application and involved in the deployment of the application to different environments.
* Involved in Agile scrum meetings.

**Environment:** Java 1.5, Spring, Spring Boot, Oracle 10g, Spring 4, IBatis 4.0, JSP, Servlets, JavaScript, Design Patterns, HTML, CSS, Maven, Job Schedulers, FreeMarker, JBOSS IDE, JBOSS server, XML, PL/SQL, JDBC, UML, JNDI, JUnit, JAXB, XSD, CVS, web services (JAX-RS), Log4J, Agile.

**Client : McGraw Hill Financials, East Windsor, NJ**

**Role : Java/J2ee Developer**

**Duration : Sep 2013 – Oct 2014**

**Project Description**: Trade ordering system- TOS is a single sing on applications used by client portals at McGraw-Hill. This application integrates with online trade interactions and internal and external applications.

**Roles and Responsibilities:**

* Involving in project discussions with Business Analyst, Project Management, Infrastructure and Business Users.
* Managed different versions of the source code and code deliverables using SVN as a Version
* Control Tool.
* Involving in architecture of the User Interface Module and develop the POC.
* Used JDBC driver to connect with back end Oracle database.
* Developed User interface screens using Servlets, JSP, Ajax, JavaScript, CSS, node.js and HTML.
* Worked on migrating the old java stack to Type safe stack using Scala for backend programming.
* Used Scala collection framework to store and process the complex information. Based on the offers setup for each client, the requests were post processed and given offer.
* Developed SQL Queries and PL/SQL code (procedure, function) for implementing the Business logic to update the data in Database.
* Developed the J2EE Application using IBM RAD 6.0, Oracle Database and Spring IOC Framework and deploying to IBM WAS 6.0 application server.
* Implemented SOA using Web Services.
* Worked on request and response WSDLs
* Developed Entity, session Beans, Message Driven Bean for handling business logic.
* Used MangoDB and SQL server for Data storage.
* Unit tested application using JUnit, Log4j for logging and debugging and built the package-using Ant and deployed the application on to the Application server.

**Environment:** Java, Servlets, JSP, J2EE, Struts1.3, RAD7.0/8.0, Oracle 10g, Web Sphere Application Server 6.1/7.0/8.0, JSTL, HTML, CSS, JavaScript, JUnit, ANT, SQL, PL/SQL, log4j, SVN, XML,EJB2.x, JMS, Web Services, TOAD, JDBC, Ajax, SQL Developer, MongoDB.

**Company: Centrica Informatics, India**

**Role : J2EE Developer**

**Duration : Aug 2011 – Sep 2013**

**Project : Web Analytics Tool**

**Project Description**: The Web Analytics Tool is to automate advertiser system; Gain rich insights into your website traffic learn more about where your visitors come from and how they interact with the site. You’ll get the information you need to write better ads, strengthen your marketing initiatives, and create higher-converting websites. The tool reports number of clicks on your web banners, number of leads captured through EDMs.

**Roles and Responsibilities**

* Involved in use case design, functional documentation and technical documentation.
* Effectively interacted with team members and business users from different regions for requirements capture and Analysis
* Responsible for understanding the scope of the Project and Requirement gathering
* Used MVC architecture for application development
* Configured the URL mappings using struts-config.xml file
* Created a User Interface through HTML and JSP
* Involved in creation of different Action Class
* Implemented the application using Servlets which is based on Model View Controller Design Patterns.
* Worked on Hibernate object/relational mapping according to database schema
* Involved in the debugging and troubleshooting related to production and environment issues
* Developed JUnit test cases for DAO and Service Layer methods to accomplish TDD approach
* Used SVN as configuration management tool for code versioning and release
* Used Log4J to print the logging, debugging, warning info on the server console
* Performed Unit testing

**Environment:** Java, Struts, Servlets, JSP, HTML, JavaScript, Ajax, ORACLE, Toad, Eclipse, Ant, CVS, JUnit, Apache Tomcat