**­­­­­**

**GANESH**  **Email:** [ganesh.java86@gmail.com](mailto:ganesh.java86@gmail.com)

Overland Park, KS **Phone:** (408) 641-9519

**EXECUTIVE SUMMARY**

* Sun Certified Java Programmer with over **7 years** of IT experience in analysis, design and development **of client server and web based applications using Java, J2EE and XML.**
* Participated in entire **Software Development Life Cycle (SDLC)** including Requirement Analysis, Design, Development, Testing, Implementation, Documentation and Support of software applications.
* Well versed with **AGILE** methodologies and experience in Iterative development, Continuous Design, Refactoring, Continuous Integration and Test driven development.
* **Object Oriented Design (OOD)** experience with Rational Rose and Enterprise Architect (EA). Designed and modeled projects using **UML** - Use Cases, Sequence Diagrams, and Class Diagrams etc.
* Expertise in implementing Object Oriented Methodologies and **Design Patterns** such as Factory, Builder, Delegate, MVC, Data Access Object (DAO), Front Controller, Service Locator Patterns.
* Hands on experience in Web Design **ANGULAR-JS,AJAX, CSS, XML, WSDL, SOAP, Restful, Dojo, JQuery, EXT-JS,  Java/J2EE, Struts, spring and Hibernate**.
* Extensive knowledge in working with **J2EE technologies** such as **Servlets, JSP, JDBC, EJB, JNDI, JSF, Java Beans, JMS,JPA ,JAXB,JAX-RS, JAX-WS, RMI, JNDI.**
* Extensive & expert level of experience with Java Platform, **JEE, EJBs, JDBC, JPA, Servlets, JSP, JMS, XML, Applets, JavaScript, POJO.**
* Expertise in **XML** technologies like **XSD**, **DTD**, **XSL**, **XPATH**, **XSLT** and parsers like **SAX** and **DOM.**
* Developed **Web Services** like **REST and SOAP** using Spring Web Services, Axis and JAX-WS**.**
* Proficiency in developing **Model View Controller (MVC)** Architecture based applications using Struts and Spring Frameworks.
* Proven expertise in implementing **IOC and Dependency Injection** in various aspects of **Spring** Framework (Core, Web, JDBC, MVC and DAO) and also experience in integrating Spring Web Flow with other frameworks like JSF.
* Hands on experience in **Hibernate** in integrating legacy databases, configuring XML files for mapping and hooking it with other frameworks like spring, Struts and other technologies.
* Experience in implementing SOA architectures with web services using WSDL, SOAP and UDDI.
* Experience creating single page applicaitons using Angular.js and Node.js.
* Have extensive experience in building and deploying applications on **Web** and **Application Servers** like **Apache**, **JBoss** AS, **Weblogic**, **Websphere**, **Glassfish** and **Tomcat**.
* Good experience in **PL/SQL programming** including complex SQL queries using **stored procedures and Triggers** in Oracle, SQL Server using **TOAD** and Query Manager.
* Configured logging tool using log4J and SLF4j.
* Experience in using Version Control tools like **SVN, CVS, VSS and Star Team**.
* Performed Integration and deployment of applications using **ANT, Maven, Hudson and Jenkins**.
* Thorough knowledge of scalable n-tier, distributed as well as client/server architectures.
* Experience in designing Low Level and High Level design and architectural documents.
* Implemented various Ajax Frameworks such as jQuery, DOJO, JSON.
* Designed and developed various integration components using **JMS** and MQ Series.
* Expertise in applying code optimization, performance tuning techniques. Performed memory profiling and load test analysis.
* Proven technical leader with expertise managing offshore teams, management experience handling multiple applications, various levels of developers and stakeholders.

**TECHNICAL SKILLS**

|  |  |
| --- | --- |
| **Languages** | Java, C, C++, SQL |
| **Platforms** | Windows 7, Windows XP, Windows Server 2003, LINUX, UNIX, Mac |
| **Frameworks** | Struts, Spring, Hibernate, Spring-core, Spring AOP, Spring MVC, Spring web services |
| **J2SE / J2EE Technologies** | Java, J2EE, Swing, RMI, Sockets, JDBC, Servlets, JSP, Java Beans, JSTL, JSF 1.x/2.x, Jakarta Struts, EJB, JTA, JMS, Web Services. |
| **Web Technologies** | HTML, HTML5, XHTML, CSS, Java Script, My Faces, Rich Faces, JSF, PHP, AJAX and Angular JS |
| **XML Technologies** | XML, XSL, XQuery, XSD, XSLT, SAX, DOM |
| **Web Services** | Spring Web Service, AXIS, JAX-WS and JAX-RS, WSDL, SOAP and REST |
| **Web/App Servers** | Web Sphere 5.1/6.0, Web logic Application server, JBOSS, J2EE Server 1.4, Apache Tomcat 4.1/5.1, IBM HTTP Server, and IIS. |
| **IDE** | RAD 6.0, WSAD 5.1, Eclipse 3.1 with My Eclipse 4.1.1, Rational Rose 98/2000. |
| **Tools and API’s** | Pivotal tracker, JIRA, BugZilla, SQL Developer, Maven, JBoss Hibernate Tools, Tortoise and Jboss Web tools  Log4J, JUnit, JMeter, Lucene, SOLR |
| **Version Control** | Subversion SVN (subclipse, tortoise), CVS, Visual Source, StarTeam |
| **Design Patterns** | Unified Process, Front Controller, Singleton, Factory |

**EDUCATION**

* **Bachelor’s in Computer Science**Jawaharlal Nehru Institute of Technology, INDIA.

**PROFESSIONAL EXPERIENCE**

**Capital One, Wilmington, DE Oct 2014 - Present**

**Sr. Application Developer**

Worked as part of auto finance team in SSO (Single sign on) migration from its existing dedicated auto finance site to Capital One 360 site. Capital one introduced SSO feature for its customer who have more than one Capital One 360 products. This is implemented by calling restful services which queries the enterprise repository containing customer’s data and stores relationship between the customer products.

It is a migration as well as a integration effort in which it is rebuilding all existing features as well as enabling new features for existing and new customers like SSO enrollment, payments, transaction history, new enrollments, phone, email alerts, chat functionality and internal reporting framework. Followed ADA (American Disability Act) standards and screen readers for accessibility design.

**Responsibilities:**

* Technical design, review and implementation across the project.
* Developed **UML** diagrams like Use case, class and sequence diagrams.
* Designed and developed User interface screens using **AngularJS** and followed **Agile Scrum** for application development.
* Extensively involved in the integration of the Front End web interface with the **Spring MVC, Angular JS, JSP, HTML and CSS**.
* Developed unit test cases using **Jasmine** to test **Angular** controllers and services and developed custom validations using **AngularJS**
* Developed pages using **AngularJS directives, expressions, routing capabilities for bookmarking, filters, validations and Angular UI components** such as grid, buttons, carousels, date pickers, modal dialogs and other input components.
* Used **Spring framework** and **J2EE** components, Utilized **Spring MVC**, **IoC**, **AOP** and **DAO** modules. Developed controller classes, backend processes, complex services and database interaction.
* Applied **object oriented methodologies** and core **J2EE design patterns** like Factory, Façade, Business Delegate, Service Locator and Singleton.
* Extensively used **Spring MVC** for servlet configurations both during application Development and Test.
* Developed **REST services** using Spring and used JAXB API for XML parsing.
* Designed, developed and integrated Spring DAO layer with **Hibernate**. Generated **Hibernate XML** files for the configured beans.
* Orderly logged the whole process using **log4j** for auditing, debugging and error logging purposes.
* Installed and configured **JBoss server** developer and test environments.
* Used **ANT** and **Jenkins** for Build process and continuous integration
* Supported QA and UAT defect resolution; used **Atlassian Jira** to publish daily defect reports to the management.
* Performed **build management** for the development and testing environment. Worked with release management to develop technical release notes for every code release.
* Involved in technical mentoring, production system support and customizing solutions

**Environment**: UML, Spring 3.1, Eclipse, Oracle 11g, WebLogic Application server 7.0, JDBC, Spring 3.1, RESTAPI’s, SOAP UI, CSS, HTML, Junit, Maven, Agile Scrum, Jprobe, Git, Gerrit, Ant Hill Pro, HP QC, Jacoco, JAWS, NVDA**.**

**Merrill Lynch, Hope Well, NJ Sep 2012 – Sep 2014**

**Application Developer**

This is a web-based (Intranet) application used to input trading revenue details from various trading business units and generate reports. This receives revenue estimates from various Business Units. This application calculates the variant form the forecasted data and actual data. The data is presented to executive level businessmen through integrating it into intranet site. The consolidated revenue data from the system also feeds information to other websites.

**Responsibilities:**

* Analyzed **Business requirements** and existing software for **High Level Design**. Prepared System Requirement Specification (**SRS**) and functionality documents.
* Followed **Scrum** concepts of **Agile** Methodology to produce high Quality application.
* Designed and developed user interface screens using **AJAX, HTML, DHTML, JSF, Servlets and JavaScript**.
* Used **JavaScript** to validate the fields of the user registration screen and login screen.
* Implemented **Spring MVC** architecture.
* Configured **Spring** to manage Actions as beans and set their dependencies in a **Spring** context file and integrated middle tier with **Struts** web layer.
* Implemented **Struts 2** framework for web controller, utilized Struts validations.
* Designed and integrated the full scale **Hibernate** Persistence solutions with the application architectures and also used Annotations Developed Session Bean for implementing the Business Logic.
* Designed and developed **JSF** components, implemented event handling using **Java, JSF, AJAX,** and **JavaScript** for various modules.
* Implemented **JSF Converters** to handle formatting and Localization and configured the **faces-config.xml t**o create a web application navigation rule.
* Implemented **caching** techniques, wrote **POJO classes** for storing data and **DAO’s** to retrieve the data and did other database configurations using **Hibernate.**
* Wrote **build & deployment scripts** using **Maven.**
* Deployed flow of Execution in the Servlet Environment using **JSF** and defined **Navigation Rules.**
* Architected JMS with Spring which involves setting up **ActiveMQ** message broker, declared ActiveMQ message destinations and also implemented Spring’s JMS Gateway Support class as a base class for JMS gateway classes.
* Orderly logged the whole process using **log4j** for auditing, debugging and error logging purposes.
* Performed Unit testing by using **JUnit**, and load testing by using **JMeter.**

**Environment**: Java (Java1.6), J2EE, Websphere Application Server (WAS)7.0, Eclipse IDE, Shell and Perl scripts, Oracle 9i/10g, DB2 9.5, UML, DOM/SAX parser, Unix, PL/SQL, XML, Windows OS, HTML, IIS7.0, FTP, SSH.

**First Federal Bank, MI Mar 2012 – Aug 2012**

**Sr. Java Developer**

First Federal Bank Corporation is one of the 20 largest independent bank holding companies in the U.S, with more than 750 branches, free account access at more than 1,800 Federal Bank places. This bank maintains variety of products, including lines of credit, demand noted, term notes, letters of credit. First Federal Bank also deals with Collateral information such as vehicles, mortgages and trust accounts. This application is a form based auto loan processing system where the application inputs the user data and gives an appropriate interest rate by calling third party services for credit record. Social is masked by RSA encryption for security.

**Responsibilities:**

* Designed, developed, debugged and tested the web based application using the **J2EE architecture.**
* Performed **Application Demo’s** to the end clients.
* Developed **WS-Security based Web Services** to interact.
* Understanding and analyzing business requirement.
* Designed and developed the User Interface using JSP, Servlets and Java for both Business Logic and GUI development.
* Implemented client side data validations using **JavaScript** and Server side data validations using **JSF validators.**
* Developed & deployed the application in **Web sphere Application Server.**
* Involved in the **design** and **development** of **XML presentation**.
* Created **XML Schema, XML template** and **XSL**.
* Involved in the design and development of **XML presentation** using **CSS & XSLT**.
* Formulated Use Cases for each business requirement and normalized the use cases to suit the requirements.
* The **UML** use case designs are developed using and Rational Software Architect v7.0/6.0.
* Developed **SQL, PL/SQL** with **Stored Procedures** to interact with Persistent database using **Oracle 10g.**
* Used **Hibernate,** **O**bject/**R**elational-**M**apping (ORM) solution, technique of mapping data representation from MVC model to Oracle Relational data model with a SQL-based schema.
* Designed the data base and Normalized the Data Base in **3NF**.
* In **Normalization** resolved the trivial dependences, non key attribute & transitive dependences using 1NF, 2NF & 3NF.
* Responsible in maintaining the testing and development environments with every day **smoke test**.

**Environment**: J2EE1.4/1.5/1.6, J2SE 1.4/1.5/1.6, Java, JSP, JavaBeans, Java Script, JQuery, StrutsV2.x, JSF, XML, XSLT, Web Sphere Application Server (WAS), TomcatV6.0, DB2v9.1, SQL Query Analyzer, SQL Server 2012.

**SR Systems, India Sep 2011 – Feb 2012**

**Client: Hartford Insurance, Hartford, CT**

**Java** **Developer**

This application enables clients to access, review and update Insurance coverage’s online. The website functionality was extended by providing the customers to Login and perform online transactions like paying bills online and updating their insurance policy. Customer Care website was redesigned to provide customized information for the end users and is developed using J2EE technologies with jsp, html and dhtml in the front end, with Hibernate and Spring Frameworks at data layer connecting to Oracle10g database. The application was deployed on Web Sphere Application Server and development was done using RAD.

**Responsibilities:**

* Provided technical guidance to business analysts, gathered the requirements and converted them into technical specifications/artifacts.
* Implemented Spring **MVC** architecture and Spring Bean Factory using IOC and AOP technologies.
* Implemented the business layer by using **Hibernate** with **Spring DAO** and also developed mapping files and **POJO** java classes using ORM tool.
* Implemented caching techniques, wrote POJO classes for storing data and DAO's to retrieve the data and did other database configurations using Hibernate.
* Developed stored procedures, Triggers and Functions to process the trades using **PL/SQL** and mapped it to Hibernate Configuration File and also established data integrity among all tables sitting on Oracle Database.
* Designed and developed Customer registration and login screens using **JSP, HTML/DHTML** and **JavaScript**.
* Developed web pages to display the account transactions and details pertaining to that account using JSP, DHTML, Spring Web Flow, **AJAX** and **CSS**.
* Wrote application front end with HTML, JSP, Ajax, custom JSP tags for role-based sorting and filtering and used JavaScript validations to validate the fields of the user registration screen and login screen.
* Used **jasper** reports for generating customer reports.
* Followed **Agile** Methodology (TDD, SCRUM) to satisfy the customers and wrote JUnit test cases for unit testing the integration layer.
* Used **log4j** for tracking errors and debugging the code.
* Wrote build deployment scripts using **ANT, shell scripts and JACL** on unix env and deployed the application in **WebSphere App Server**.
* Developed Messaging frame work for Asynchronous service using **JMS**.
* Involved in implementing Branching Methodology Plan and performed Checkin/Checkout in **Subversion**.
* Developed various activities like transaction history, search products that enable users to understand the system efficiently.
* Involved in unit testing and system testing and also responsible for preparing **test scripts** for the system testing.
* Supported the application during the warranty period.

**Environment:** J2EE, Spring, Hibernate, JSP, JDBC, JNDI, XML, HTML/DHTML, JMS, AJAX, WebSphere, JUnit and Oracle.

**SR Systems, India Feb 2009 –Jul 2011**

**Jr. Application** **Developer**

Sales Automation is software to automate the business tasks of sales, including order processing, contact management, information sharing, inventory monitoring and control, order tracking, customer management, sales forecast analysis and employee performance evaluation.

**Responsibilities:**

* Involved in the elaboration, construction and transition phases of the Rational Unified Process.
* Designed and developed necessary **UML** Diagrams like Use Case, Class, Sequence, State and Activity diagrams using IBM Rational Rose.
* Used IBM Rational Application Developer (**RAD**) for development.
* Extensively applied various **design patterns** such as MVC-2, Front Controller, Factory, Singleton, Business Delegate, Session Façade, Service Locator, DAO etc. throughout the application for a clear and manageable distribution of roles.
* Implemented the project as a multi-tier application using Jakarta Struts Framework along with JSP for the presentation tier.
* Used the **Struts Validation Framework** for validation and Struts Tiles Framework for reusable presentation components at the presentation tier.
* Developed various Action Classes that route requests to appropriate handlers.
* Developed Session Beans to process user requests and Entity Beans to load and store information from **IBM DB2** database.
* Used **JMS** (MQSeries) for reliable and asynchronous messaging the different components.
* Wrote Stored Procedures and complicated queries for IBM DB2
* Designed and used JUnit test cases during the development phase.
* Extensively used log4j for logging throughout the application.
* Used **CVS** for efficiently managing the source code versions with the development team.

**Environment:** WAS 6.1, RAD 6, Struts 2.5, MQ Series, JSP 2.0, JMS, JNDI, JDBC, PL/SQL, JavaScript, IBM DB2, IBM Rational Rose, JUnit, CVS, log4j, and LINUX.