**Avinash**

**Sr. Java J2EE Developer**

**M: 816-701-9794**

**Email:** [**avinashrao987@gmail.com**](mailto:avinashrao987@gmail.com)

****PROFESSIONAL SUMMARY:**

* **Having 9+ years of experience** with Java and Object-Oriented Methodologies for wide range of development from Enterprise applications to web-based applications.
* Extensive experience in developing and deploying applications on WebLogic Application, IBM Web sphere and Tomcat servers
* Extensive experience in implementing MVC architecture using Struts and Spring Framework.
* Expertise in designing and developing enterprise applications using Core Java and J2EE Technologies includes JSP, JavaScript, XML, JDBC, and JMS, **Web Services (SOAP and Restful).**
* Expertise on **web services (SOAP, WSDL, UDDI)** involving J2EE and SOA technologies based projects.
* Experience in using J2EE Design Patterns like **MVC**, **DAO** Pattern, Front Controller, and Factory Pattern.
* Worked in XML related technologies such as **DTD, XSD, XSL, XSLT, DOM, SAX, JAXP and JAXB for parsing XML** in to java object.
* Expertise in **using IDE** like RAD, JDeveloper, Eclipse and NetBeans for debugging and using java coding standards from the beginning of development.
* Strong experience in UI & client side validations using **HTML 5, CSS3, Java script, JSP, Struts tag libraries, AJAX, DOJO, JSON, XML, XSLT and Java Script** frameworks like ExtJS 3.x/4.x, JQuery
* Expertise in implementing MVC frameworks using Struts 1.x/2.x, spring 3.x, Custom MVC and Hibernate 3.5 for persistence.
* Designed, advocated, and implemented the reorganization of the **DevOps** team to scale the organization.
* Having in-depth hands-on experience in design, implementation, testing, maintenance of java and J2EE Application.
* Deep Understanding of Software Development Processes and Models Agile, Test Driven Development, Waterfall etc.
* Strong work experience with J2EE Design/Architecture patterns, Servlets, JSP, Struts, Enterprise Java Bean (**EJB),** web services, XML, WSDL.
* Involved in producing & consuming **SOAP based & Restful web services** using WSDL, SOAP, JAX-WS, JAX-RS, AXIS, CXF, SOAUP UI etc.
* Experience in Integration of Amazon Web Services **AWS** with other applications infrastructure.
* Expertise in using configuration management tools like **SVN, CVS and VSS for version controlling.**
* Extensive experience implementing **Agile** methodology and**Test driven development**
* Involved in entire **SDLC** of the projects including Design, Development, Testing Implementation and production support.
* Expertise in SOA architecture, WSDL, Restful WebServices.
* Expert in using XML markup languages like XML, HTML 5, XSL transformations.
* Skilled in developing application in python language for multiple platforms.
* Expertise in **JUNIT testing** using **Mockito** and Power **Mockito**, **TestNG**, integration testing and SOAP UI testing.
* Implemented Service Oriented Architecture (SOA) using JMS for sending and receiving messages while creating web services.
* Implementing SOA Architecture with JAX-RPC and JAX-WS with multiple different server versions.
* Expertise in various Java/J2EE Design Patterns like Session, **Data Access Objects (DAO),** Factory, Singleton, Data Transfer Object (DTO) and Business Delegate etc.
* Experienced in client requirement Analysis, Physical, Logical design, development, Resource Planning, Coding, Debugging, Testing, Deployment, Support and Maintenance of business applications using SQL Server 2008/2005/2000, DTS, SSIS, SSAS and SSRS 2005/2008.

1. Experience in Functional Testing, Data Driven Testing, Load Testing and Validating WSDL using SOAP UI tool.

* Proficient in Web service testing using SOAP UI tool, SOAP, XML and expert in reading WSDL.
* Experience in Understanding the code written in different programming languages Java, HTML, JavaScript and CSS, SQL, Oracle and Mongo DB.
* Have good experience in working with financial services, Health, Telecom and Energy.
* Expertise in Core-Java concepts - Multithreading, Exception Handling, Collections.
* Automated various informational systems using **Perl/MySQL/Oracle** and the web.
* Experienced using Web-debugging tool like Fire Path and Firebug for finding elements locator.

**Education:**

**Bachelors in Computer Science,** JNTU, Hyderabad, 2007 **GPA: 3.65/4.0**

**AREAS OF EXPERTISE:**

|  |  |  |
| --- | --- | --- |
| * Requirement Analysis * Design & Development * Unit Testing, Integration testing, Smoke testing & system testing * Object Oriented Programming * UML diagrams * Performance Tuning | * SDLC * Waterfall, RUP & Agile Methodologies * Project Management * Integrating third party tools * Release Management * Offshore Coordination * Investments & banking domain knowledge | * Batch framework & processing * Multi-Layer Architecture * Integration framework * Configuration Management |

**TECHNICAL PROFICIENCIES:**

|  |  |  |
| --- | --- | --- |
| * C, C++, Java & J2EE * Struts, JSF and Spring * Oracle 9i/10g/11g, DB2, MySQL and SQL Server * WSDL, SOAP, AXIS, JAX-WS, REST-Jersey, UDDI, and WS-Security. * Hibernate, iBatis * JUNIT, Mockito, SOAP UI | * XML, DTD, XSD, XSLT, JAXP (DOM & SAX) and JAXB * HTML, DHTML, CSS, JavaScript, JSP, JQUERY, DOJO and Taglibs. * UML – Rational Rose, MS Visio, JUDE * Eclipse, My Eclipse, Net Beans and RAD, Mule ESB, W3C. | * SVN, CVS and Clear Case * QC, Jira, Rally, Clear Quest * Banking & Insurance * Web sphere, Web Logic, Apache Tomcat & HTTP Server, DevOps * WIN NT/2000/XP/2003, Unix, DOS and Windows 7 |

**PROFESSIONAL EXPERIENCE:**

**Wells Fargo, Charlotte, NC Oct 2015 to Present**

**Role: Sr. Java Developer**

**Description**: Wells Fargo is one of secured financial institution and banking in United States. The application deals with transfers, account details etc. It uses a multitude of backend applications (Oracle/DB2) and third party vendors. This project was to provide the business solution to the different products like (Lib Tax, Pro-text) of the USA. The main purpose of this project was, to build an application to notify the users about their income tax filing by sending messages or by giving them phone calls. In complete application there was no any JSP, everything was rest calls and simple html pages with JQUERY at front-end.

**Responsibilities:**

* Designed and Developed the Java application and Web based modules for the Shared financial Services Group.
* **Designed and Developed REST and Web Services** Components for various applications using Spring Framework.
* Participate in **Scrum meetings** and evaluate Stories for the Sprint work. Communicate and Coordinate with Scrum Master to project status intact.
* Worked closely with the architecture group to implement long-term vision and research new relevant technologies and produce POCs to weigh future integration into the product.
* Implemented reusable web applications **using JQuery, DOJO and AngularJS.**
* Developed database operations **using JPA and Hibernate with spring** framework.
* **Developed DAO laye**r using **JPA Criteria Builder**, it is used many projects for database operations and reduced redundancy.
* **Developed DTO to entity object mapper framework using Spring BeanUtils**.
* Extensively used **Java & J2EE** design patterns **like Singleton, Factory, Session Factory, Façade, Bridge, Composite, DAO, and DTO**.
* Used core Java concepts, which include Collections, Exception handling, Serialization, Multi-Threading extensively for coding business related tax calculations and interest rates.
* Used Struts Framework in the application, which is based on **MVC design pattern**. Utilized **RabbitMQ** as the messaging middleware.
* Using **MULE ESB** as the integration platform designed and developed various applications
* Created a Front-end application using **Bootstrap, Restful, AWS, Angular JS, JSPs** and **Spring MVC** for registering a new patient and configured it to connect to database using **Hibernate**.
* GUI Implementation using **JQuery, AJAX, JNDI, Ext.js, CSS, Bootstrap, HTML5**.
* Built main application in **Python, Mongo DB, NoSQL** leveraging technologies such as **Angular.js, and Backbone.js**.
* Experience in **OOD, UML**, Enterprise Java Beans (EJB), **RMI**. Implemented asynchronous task processing pipeline using **RabbitMQ**.
* Worked on development and operations to facilitate deployment of components over **AWS** using **Jenkins, IBM RAD/RSA7**.
* Implemented **Restful** services with **spring** in the Application.
* Developed Servlets and Server side components using **EJB 3.0** under J2EE Environment.
* **Developed REST Web services using CXF** to perform transactions from front end to our backend applications, response is sent in JSON or XML formats based on the use cases.
* Enhanced the Scroll View widget to improve performance, add new functionality, and introduce test coverage using **node.js** and **Backbone.js.**
* Developed custom selection of reports ordering using SQL Server Reporting Services (SSRS)Developed widgets based on the **SWT** (standard widget tool), **Jface** frameworks.
* Building integration with a number of third parties, making heavy use of asynchronous processing with Celery and **RabbitMQ.**
* Creating user interfaces using **JQuery, JSP** and **Java Script.**
* Created and consumed **RESTful Web Services** using **JAX-RS**
* Worked with version control systems like **Clear case, SVN, CVS, GIT**, etc.
* Migrated **Sybase, Mongo DB** to Microsoft SQL Server 2000 databases.
* Used **RAD** for development and **Web sphere** for deployment.
* Implemented **MVC** architecture by using **Struts/Swings** to send and receive the data from front-end to business layer.
* Created indexes on selective columns to speed up queries and analyses in **SQL Server** Management Studio.
* Designed and developed **JSP, Servlets, Taglibs, JavaScript, CSS, HTML5, JQUERY,** and **AJAX**.
* Extensively worked on **GWT** create rich UI and make asynchronous calls to the server.
* Worked on **Spring IOC**, **Spring MVC** and **Spring Integration** with **Hibernate**.
* Used **AJAX** to provide asynchronous communication between server and client with **JSON**.
* Extensively worked on cruise control to automate build process.
* Used **Ant script** to build **WAR** (Web-App) and **EAR** (Enterprise App).
* Implement **DAO** layer in **Hibernate** and **JPA** to get Reference Data used for Calculations.
* Implemented **Restful web service** which can be used by the other components of the system.

• Designed and implemented a stream filtering system on top of **Apache Kafka** to reduce stream size.

**Environment:**JDK1.7, Java, REST Services, Spring MVC, LDAP, JQuery, Hibernate, GIT, Bootstrap, Angular JS, Maven, J2EE, EJB, JSP, JSF, Kafka, RabbitMQ, Hibernate, Spring, MongoDB, AWS, GWT, GXT, Jenkins, JDBC, Web services (SOAP,REST FUL), struts.

**AT &T Dallas, TX Sep2014 to Sep 2015**

**Role: Java Full Stack Developer**

**Description**: (PDC) is a web-enabled activation system that remote dealers use to activate service and maintain equipment information for AT&T customers. This is the type of Content Management System. This project helps in uploading the content from different vendors for different operators processing that content and making that content available for download in different circles (different states of India) on different mobile user. By using XSLT (html) this content shown on different handset. Content Information Shared in XML format or by reading the headers provides by operators by using JSON object.

**Responsibilities:**

* Design and development of user Interfaces using **JSP, HTML, CSS** and **AJAX**. Developed custom tags, **JSTL** to support custom User Interfaces.
* Prepared the prototype pages of the application based on the templates and requirements using **HTML**.
* Developed the application implementing **MVC Architecture**, integrating **JSF** with **Hibernate** and **spring** frameworks.
* Used **SVN** as version control to check in the code, created branches and tagged the code in **SVN**.
* Sign off artifacts from the development team’s perspective and provide it to release management team for **QA/UAT/Prod release** and support the release.
* Maintaining OSGI java classes for assets import, validation processes, and to fetch the data from CQ repository obtained from different providers.
* Involved in designing and developing Struts Action classes and defining them in action-servlets.xml file to inject the Service layer beans **using SPRING IoC.**
* Worked on multiple configuration files for mapping **using ORM concepts** and deployment descriptor files such as web.xml, action-servlets.xml, struts-config.xml, applicationContext.xml files.
* Develop data standards, data exchange **AWS, XML data standard or data sharing model**.
* Involved in various phases of software development life cycle **(SDLC)** of the application like requirement gatherings, design, analysis, code development and deployment.
* Used **Struts MVC** framework for the ease and improve performance of the application.
* Designed Presentation layer using **JSP, Struts** framework and did front-end validations using **JavaScript** and **JQuery**.
* Involved in exception handling & testing using **SOAP** UI and Security of Mule endpoint through **WSSR**.
* Involved in creating http inbound & outbound flows, Orchestrations, Transformations using **MULE ESB**.
* Created **MULE ESB** artifact and configured the MULE config files and deployed.
* Wrote **GWT** code to create presentation layer using **GWT** widgets and event handlers.
* Involved in design and development of UI component, which includes layered POVs and Carousels using frameworks **Angular JS, JavaScript, HTML, CSS** and **Bootstrap**.
* Followed **Single Page Application** (SPA) Pattern and used **AngularJS MVC** to build a cross-browser complaint application.
* Implemented and maintained the monitoring and alerting of production and corporate servers/storage using **AWS CloudWatch**.
* Used **GIT** for version controlling and **Jenkins CI** for Continuous Integration.
* Implemented core features of **AngularJS** framework such as dependency Injection, Data-binding, Filters, Directives, Templates, Services and Deep Linking.
* Used **Spring IOC** to inject java objects in the context.
* Used **Spring JDBC** and **DAO** to access and store data from **Oracle** database.
* Worked with NoSQL database MongoDB and worked with it to perform many different operations
* Test the API responses for the WCS changes deployed on continuous basis, validate the GreenBox response data and **Mongo DB** data.
* Created **REST Web services** call using **JSON** methods.
* Used Maven for dependencies and configuration management.
* Used **Angular JS** for making restful API calls and data binding.
* Used **Angular JS** framework to simplify binding **JavaScript** objects with **HTML** UI components.
* Writing custom filters, directives, controller for the **HTML** using Angular code.
* Consumed **SOAP** based Web Services for Integrating with the Enterprise Information System Tier **(EAI)**.
* Wrote different **Hibernate** mappings in **XML** and corresponding java classes. Wrote hibernate configurations using spring.
* Experience providing training to development teams on how to track, plan and analyze using **JIRA**.
* Implemented transaction management for **Hibernate** using **Spring AOP**.
* Implemented **Service Oriented Architecture (SOA)** using **JMS** for sending and receiving messages while creating web services.
* Implemented various J2EE Design patterns like Singleton, Service Locator, **Business Delegate, DAO, Transfer Object, and SOA**.
* Worked on AJAX to develop an interactive Web Application and JavaScript for Data Validations.

**Environment:** JDK 1.6, J2EE 5.0, Struts 1.2, Spring 3.6, Servlets 2.5, JSP 2.1, JSTL, EJB 3.0, SOAP web services, AWS, Jenkins, JIRA, GWT, GXT, WebLogic 10.2, W3C.

**UW Health, Madison, WI May 2013 to Aug 2014**

**Role: Sr. Java/J2EE Developer**

**Description:** UWH is the largest health care insurer and has the high FEP (Federal Employee Health Program) enrollment in WI. HMS is a web based Java/J2ee application developed for the CSR's (Customer Service Representatives) who address the issues of the members. The various services in HMS include Coverage Advisor, Find-a-Doctor, Individual Express, Payment and Pricing tool.

**Responsibilities:**

* Involved in designing modules and documenting them as a **Module Design Document (MDD)**.
* Worked on both front end using **JSP**, spring framework and back end part using **EJB** and **Hibernate**.
* Involved in Object Oriented Analysis **(OOA)** and Object Oriented Design **(OOD)** Techniques using **Unified Modeling Language (UML)**
* Persisted common application level data like domain libraries using Cache.
* **Hibernate** was used as admin tool persistence framework.
* Implemented interceptors using **Hibernate** and **spring**.
* Developed **JSP**'s, strictly confining to the policy of no java use in them by using **JSTL**.
* Presentation tier of the application was built completely on **Spring/Struts** (For the Admin App).
* Page Navigation, J**ava bean management** and input validation is taken care by **JSF**.
* Used **Spring-Core** and **Spring-AOP**, **Spring Tags**, **Struts Tag Libraries**, and **Validators** in the development.
* Used **Hibernate** as an **ORM Framework** for productive application development by reducing development time, complexities and increase flexibility.
* Worked on development and operations to facilitate deployment of components over **AWS** using **Jenkins**, **Fabric Tools**.
* Creating user interfaces using JQuery, JSP and Java Script.
* **Create / modify RESTful web services**, JSON for creation and consumption of data access and manipulation
* Create business objects and implement business logic using spring framework, Models and Controllers.
* Used ORM tools Hibernate for data mapping and generating database persistence layer.
* Developed **test cases using JUnit testing framework**.
* Used Eclipse as Java IDE tool for creating various J2EE artifacts like Servlets, **JSP's** and **XML**.
* Built and managed other projects modules using **Apache Maven**.
* Developed end-to-end composite **RESTFUL Web Services** by using **SOA** with **CXF framework** to use with different clients including Web & Mobile.
* Used Maven to build and generate code analysis reports.
* Developed and actively involved in tuning **SQL queries, Stored Procedures, Triggers**.
* Test driven development approach was used and hence worked intensively on developing test cases.
* Quality Control Activities such as defect tracking, fixing using **JIRA**.
* Created **AWS RDS** database instances consisting of **PostgreSQL, SQL Server** and **AWS RDS Aurora** database clusters.
* Involved in code review process, validating designs done by other developers and development of the application.

**Environment:** Unix-Solaris, JDK1.6, J2EE 5.0(Servlets, JSP, JSF, EJB, JAX-WS), Struts, Spring, Hibernate, Restful, Multithreading, HTML, Java Script, CSS, XML, ANT, AWS, Rational Clear Case, WebLogic, JTA, Junit, Python.

**Constellation Energy group, MD Mar 2012 to Apr 2013**

**Role: Sr. Java/J2EE Developer**

**Description:** Celestica is an Electronics Manufacturing Services Company Celestica Portal provides a single point of access to reports, documents and collaborative work tools from globally integrated applications. Multiple applications and portlets are deployed on a single page and users are provided varied access to the applications based on their role.

**Responsibilities:**

* Part of Design Team and user requirement gathering meetings.
* Involved in all project phase discussions and executed project from **PDP** (predefined phase) to rollout phase with post implementation activities.
* Good experience in implementing **J2EE** compliant applications using various Design patterns, **Struts framework, Tiles, Spring, MVC framework, Hibernate** and **Messaging Middleware** using **JMS.**
* Developed user interface using **JSP, JSP Tag libraries, Spring Tag libraries** and **JavaScript** to simplify the complexities of the application.
* Involved in enhancing certain modules of web portal using **Spring** Framework.
* Developed all the components as flows using **Spring web flow**.
* Developed web and service layer components using **Spring MVC**.
* Implemented various design patterns like **MVC, Factory, Singleton**.
* Designed user interface for users to interact with system using **jQuery, JSON, Java Script, HTML5, CSS3, groovy.**
* Writing custom filters, directives, controller for the **HTML** using **Angular code**.
* Source code management done using **GIT**, and maintained GIT databases to client specifications.
* Used **Jenkins** for system integration.
* Developed several Controllers to handle the different types of user requests.
* Validated the user inputs using **Spring Validator**.
* Dependency Injection was used across all the layers of application
* Developed database Schema & populating data using **SQL** statements, **PL/SQL** Functions, **Stored Procedures**, **Triggers**, **Bulk uploads**.
* Monitored error logs using Log4J and fixed the problems.
* Worked on **JUnit** Framework for Test Driven Development.
* Worked on source code management tools such as **SVN**.
* Implemented **Restful Web Services**, associated business module integration for getting status of claim report.
* Worked on code reviews, debugging, **unit testing** and **integration testing**.
* Implemented **EJB** Session beans and entity beans.
* Involved in developing actions to each action using **Struts** framework
* Created a data access layer using **DAO** pattern to make rest of the code database independent

**Environment:** Java,Struts, J2ee, Tiles, LDAP, WebLogic, EJB, CVS, GIT, Javascript, Ant, Core Java-Multithreading, XML, JavaScript, AJAX, Maven, JDBC, Struts, GUI, Python.

**Mavin Infotech, HYD, INDIA**

**Mar 2010 to Feb 2012**

**Role: Sr. Java/J2EE Developer**

**Description**: Mavin Infotech delivers high quality, reliable and cost-effective IT services to customers globally. The project includes multiple applications and portlets deploying on a single page and users are provided varied access to the applications based on their role.

**Responsibilities:**

* Developed GUI using **JSP, Struts** frame work.
* Developed Action forms, Action classes using Struts framework to handle user requests.
* Implemented Struts Bean Tags, Logical Tags and Display Tags in **JSP**s.
* Used Jasper tool for reporting.
* Developed user interface components for Deal, Activity modules along with business components.
* Developed a **Spring MVC** application in connecting to database.
* Leveraged **struts-validations, struts-beans** tag libraries.
* Designed and deployed server side **EJB** (Session Beans and Entity Beans) components on **Eclipse IDE**.
* Written **SQL, PL/SQL** and stored procedures as part of database interaction.
* Responsible for code merging modules using clear case.
* Responsible for change requests and maintenance during development of the project.
* Involved in requirements gathering – User Interface, Business Processes and Non-functional requirements.
* Developed Use cases, Class/Activity diagrams using Rational Rose and Flow charts using **Visio**.
* Developed Process and Data Access Beans for business and data inquiry logic.
* Responsible for presentation layer in **JSP, HTML, Java1.4**using **Struts** framework.
* Responsible for developing Data Service (JAVA, XML, PL/SQL) for **Oracle** (Policy/Group info) and **Sybase** (Client Info) databases.
* Worked on common utility classes using JAVA and main **JSP** actions (includes pagination
* Developed tabs with rollover effect using **JavaScript** plus other effects.
* Developed **PL/SQL** packages to generate data feed which is the source for reports.
* Implemented the logger handler that delegates to the **Log4J** logging infrastructure.
* Involved in executing the Component Test Plans for Unit Testing using **JUNIT&TestNG**.

**Environment:** Java, JDK1.5, JSP, JSTL, EJB, Eclipse3.2, Struts 1.1, J2EE JavaScript, Struts Validation frame work, Tomcat, UML, ORACLE 9i/10g, TestNG, Clear Case and Clear Quest.

**SOFTPAL, HYD, INDIA Mar 2007 to Feb 2010**

**Java Developer**

**Description**: This Project includes the code required to accomplish all of the functions necessary for ensuring valid accounting data is captured, processed and maintained. This involves the following steps: Create entries, Review entries, validate entries, submit entries and Maintain entry history.

**Responsibilities:**

* Used waterfall methodology for development process.
* Used CVS for version controlling.
* **Developed webpages using HTML, CSS and JSP.**
* Involved in Software Development Life cycle starting from requirements gathering and performed OOA and OOD using UML.
* Used Multithreading to serve multiple clients.
* Provided concurrent access to the application by using Multithreading.
* Involved in designing & documentation of flows & functional diagrams using Rational Rose.
* In charge of the entire Front-end (user interface) part of the system, using JSP, Servlets, HTML, JavaScript.
* Involved in developing web-tier **using JSPs** and client-tier using HTML pages.
* Developed client-side validations using JavaScript
* Developed **Servlets** to process requests from the client and forwards the response to JSP pages.
* Developed **Session Beans** to provide a client’s view of the account transactions business logic.
* Developed Entity Beans to provide an object view of the database tables which contain the business logic to access the tables.
* **JDBC** was used to access data from Oracle database.
* Wrote SQL Queries, PL/SQL procedures, for retrieving information from database
* Deployed the application on Apache Tomcat server.
* Involved in Production Support and Maintenance.
* Managed Source Control and Version Control using CVS and SVN.
* Involved in requirement analysis.
* Developed the front tier for the site based on Model-View-Controller (**MVC**) design pattern Using **Struts** framework.
* Implemented EJB Session beans and entity beans.
* Worked on Jenkins, Maven as a build tool.
* Involved in developing actions to each action using **Struts** framework
* Created a data access layer using DAO pattern to make rest of the code database independent
* Involved in Server configuration and setup.
* Used Ant tool for build scripts

**Environment**: Java, Struts, J2ee, Tiles, Multithreading, LDAP, WebLogic, EJB, CVS,javascript, Ant, J2EE, EJB, JSP, HTML, CSS, Ajax, Web Services, Jenkins, Maven, UML, XML, XSLT, Servlets, JDBC, CVS, SVN,Apache Tomcat.