**Akhil**

**Sr. Java Developer**

|  |
| --- |
| **PROFESSIONAL SUMMARY** |

* 9+years of IT experience in **designing** and **developing** large scale enterprise applications using **Java 1.6, Java 7, J2EE, Struts, Spring MVC, Spring AOP, Spring Security, OpenJPA, JSF, RESTful Web Services, SOA, XML, JAXB, Ant and Maven.**
* Extensive experience with **ORM** frameworks like **Hibernate** and **OpenJPA, MyBatis**.
* Extensive experience on Java **Full Stack** development and support.
* Extensive experience with Web Frameworks like **Struts 2.x** and **JavaServerFaces (JSF)**.
* Extensive database development experience in developing **Stored Procedures, Functions,** and **Triggers** on**SQLServer**, **Oracle** and **DB2**.
* Experience in managing application development with full SDLC using agile and waterfall environments
* Involved in entire SDLC including requirements gathering, analysis, design, development, deployment and implementation and testing applications.
* Experience working various development models like **Waterfall, Iterative** and **Agile**.
* Implemented **J2EE design patterns** like **Singleton, Session Facade, Business Delegate, VO** and **DAO.** Strong Object Oriented Design skills and experience with **UML**
* Extensive in Analysis, Design, Coding, Integration Development and Developing client & server end programming for Internet Applications using Sun and Web technologies, Web logic application server, Web sphere commerce server, WSAD (Web Sphere Server).
* Experience with **JAXWS, JAXRS,** and **spring boot** based Contract First Webservices.
* Experience in using **Restful**, and **SOAP** Web services
* Knowledge of **Elastic Search**, used for supporting distributed search by allowing start with one machine and extend further to other machines.
* Experience in **Apache SoftwareLoad Balancing, mongo Clustering and SSL Configuration** on **Apache Server**.
* Experience in Web development using **HTML**, **DHTML**, **JavaScript**, JQuery, DOJO, **AJAX**, **CSS**, **XML**, and **XSL**.
* Experience in using **AngularJS**, **Bootstrap**.**js**
* Experience in using **Backbase**platform.
* Also have good knowledge on Jasper Reports, an Open Source Reporting Tool.
* Experience with **Apache Lucene** to access Lucene API which requires low level access and have customized reports.
* Experience with **Apache Solr** enables you to easily create search engines which searches websites, databases and files.
* Extensively worked on **Weblogic 7.0/8.0/9.0**, **JRUN** and **JBoss 4.0.2** application servers. Strong understanding of GIT Hub.
* Worked on **Servlet** containers like **Apache Tomcat, Weblogic and Websphere**
* Worked on WebSphere Business Modeler (WBM) and WebSphere Integration Developer (`WID).
* Excellent in handling many projects using Multi-threading in **Core Java**.
* Experience in working with **Eclipse IDE and RAD 7.5** and build tools like **Ant** and **Maven** and source controllers like**,CVS, SVN,** and **GITHUB**.

|  |
| --- |
| **SOFTWARE TECHNICAL SKILLS** |

|  |  |
| --- | --- |
| Languages | C, C++, Java (J2SE, J2EE), Perl, XML, HTML, PL/SQL |
| Databases | Oracle, SQL Server, DB2, MS Access |
| Web Technologies | JSP, JSTL, JSON, Tiles, Servlets, XML, HTML, XSLT, JSF, CSS, JavaScript, Angular JS, Bootstrap, DOJO,HTML5, AJAX, DHTML, CSS3,Node.js |
| J2EE/JAVA Technologies | JDK 1.4/1.5/1.6/1.7/1.8, Servlets 2.3/2.4/2.5, JSP 1.2/2.0, EJB 2.0/3.0 JDBC 3.0/4.0, AWT, SWINGS, JMS, RMI, JNDI, JTA, JPA, JAXP, JAXB, WSDL, XML, SOAP, Restful |
| Application Servers | JBoss, BEA WebLogic 7.x/8.x /9.x |
| Web Servers | Tomcat 5.5/4.0, IBM Web Sphere Commerce Application Server |
| Database Tools | TOAD, SQL Developer, MySQL Work bench |
| Cloud Technologies | [AWS(EC2](http://aws.amazon.com/ec2/) ,[DynamoDB](http://aws.amazon.com/dynamodb/),[SimpleDB](http://aws.amazon.com/simpledb/)), [AmazonCloudWatch](http://aws.amazon.com/cloudwatch/) (monitoring), [AWSCloudFormation](http://aws.amazon.com/cloudformation/) , AWSElasticBeanstalk,[AmazonCloudSearch](http://aws.amazon.com/cloudsearch/),[AmazonSQS](http://aws.amazon.com/sqs/) |
| Operating Systems | Windows, Unix and Linux |
| IDE & Versioning Tools | Eclipse, My Eclipse, RAD 7.5, , Microsoft Front Page, Jasper Reports, Concurrent Versioning System (CVS) and github. |
| Frameworks | Struts, JSF, Angular JS, Spring, iBatis, Hibernate and Velocity |
| Design Patterns | Singleton, Data Access Objects, Value Objects, Template Method, Business Interface, Business Delegate, Service Locator, Model View Controller and Front Controller. |

# Education:

Bachelor of Technology in computer science Engineering (CSE) from India.

|  |
| --- |
| **WORK EXPERIENCE** |

##### **Client:** [**Henry Ford Health System**](https://www.flexjobs.com/jobs/telecommuting-jobs-at-henry_ford_health_system) **, Detroit, Michigan** **June ‘15 – Till Date**

**Sr. Java Developer**

**Project: Master Patient Health Management**

**Responsibilities:**

* Followed **Agile/ Scrum methodology** with a daily scrum and a three weeks sprint.
* Designed various data models including class diagrams, dataflow diagrams, workflow diagrams, sequence diagrams and interaction diagrams.
* Involved in developing the User Interface screens for clients using Struts, JSP, JSP Tag Libraries, JQuery libraries, HTML, XML, XSL and JavaScript.
* Cross-browser web applications are developed using **AngularJS, JavaScript API**.
* Web forms are built by using dynamic client side JavaScript codes and simulate process for web application, page navigation and form validation.
* Responsible for writing and implementation of **JavaScript, AJAX and AngularJS** to interact with web Services and user controls.
* Designed and implemented a dynamic image rendering web service which is consumed by JSP, AngularJS, JavaScript and AJAX.
* For Bean management we used **Spring Framework’sDependency Injection.**
* For Transaction Management we used **AOP.**
* By using proxy we delegated Struts action management to Spring Framework by integrating Struts with spring
* Developed Hibernate.cfg.xml to define the connection pooling which was being provided by Hibernate, did mapping for the POJOs in the application for which tables existed in the back end DB and developed corresponding .hbm files.
* Developed and consumed Web Services that use **SOAP.**
* Implemented several design patterns like Business Delegate, Data Access Object, Data Transfer Object and Singleton.
* Involved in writing views and stored procedures in **DB2**.
* For authentication, using AOP Interceptors we implemented spring security features.
* Built and Configured Servers in **AWS Cloud** Environment.
* Set up **Jenkins server** and build jobs to provide continuous automated builds based on polling the **Git.**
* Installed, configured, and administration of **NoSQL**database clusters in **AWS Virtual Private Cloud Network.**
* Migrated the Entire traditional **EC2** Classic environment to **Private network in AWS Cloud**. This included a 3 tier Web Application. Integrated custom Cloud Portal to **AWS APIs** for Automated Network.
* For faster response time we used Http compression and **AJAX**.
* Involved in Exception handling (hibernate, SQL and generic exceptions) and displayed appropriate messages.
* For testing web services we used **SOAP UI.**For unit testing we used **JUNIT**.
* Used **JIRA** for issue tracking and bug tracking.Used **log4j** for logging.
* Worked in **TDD** environment.**Selenium** for testing web application.
* Used WebSphere application server to deploy the application.
* RAD was used as the application development environment on windows operating system.
* Build tool for the project was **Maven**.
* For version control we used **SVN**.
* Used Object Oriented Programming and Multi-Threading.

**Environment:Java, J2EE, Spring, Unix, JSP, JSON, Servlet, JDBC, SQL, Maven, AngularJS, Java script, HTML, CSS, JQuery, Oracle, XML, Apache Tomcat v7,Log4j, SoapUI 3.4, toad, AWS, Spring Tool Suite 3.7.Tortoise SVN, J unit, Jenkins**.

**Client: AT & T, Dallas, TX**

**Sr. Java/J2EE developer Apr ‘14 – May’ 15**

**Project: Client Portal**

**Responsibilities:**

* Designed and developed a web pages HTML5, JSP, Portlets, AJAX, JSTL, Angular JS, JQuery and CSS.
* Developed Custom Tags using **JSTL**.
* Developed stored procedures, triggers and used PL/SQL on Oracle database.
* Used Node.js for server-side validation.
* Used spring framework for implementing IOC/JDBC/ORM, AOP and Spring Security.
* Involved in performance tuning, scalability of the application and production support.
* Developed TDD using Junit.Consumed SOAP web services using **spring**.
* Enabled better quality control of Java source code by implementing Sonar to report code quality and test coverage.
* Developed the presentation layer using **Struts** Framework, **JSP, Servlets, JavaScript, JQuery, and AJAX**.
* Built spring based Java and Scala**microservices**to support enterprise web application.
* Developed Web services in the service layer and implemented Web Services based on **SOA** architecture with **Restful.**
* Installed, secured, and configured **AWS cloud servers** with Linux, Tomcat, MySQL, Apache, etc.
* Created architecture stack for data access with **NoSQL** data base **Cassandra.** Installed, configured, and administration of **NoSQL** database clusters in **AWS Virtual Private Cloud Network.**
* Designed and implemented a **Cassandra**NoSQL based database and associated **RESTful** web service that persists high-volume user profile data for vertical teams.
* Designed built, and deployed a multitude applications utilizing AWS stack (Including **EC2, R53, S3, Dynamo DB, SQS and EMR**), focusing on high-availability, fault tolerance, and auto-scaling. Developed backend ran on **AWS's Elastic Beanstalk** and interfaced with a MySQL on AWS's RDS.
* Used Anypoint Connectors to eases the interaction between mule and external resources such as database, Rest API.Deployed the Application using Weblogic.
* Setup High Availability for MQ servers. Integrate **microservices** into an existing system architecture.
* Involved in integration, development of MULE services as part of both consumer and producer.
* Developed **Maven scripts** to build and deploy the application onto **Web logic** Application Server and ran **UNIX shell** scripts and implemented auto deployment process.
* Used Maven for Life Cycle Management of the project.
* Used **Spring Core** Annotations for **Dependency Injection** and **Spring MVC** for **REST API s** and **Spring Boot** for micro-services.
* Unit tested the complete application using **J Unit**.Used **Apache ActiveMQ** as messaging platform.
* Used **Splunk** tool to search the application logs and used Log4j for logging.

**Environment:Core Java, JSP, Servlets, JQuery, JSTL, AJAX, Splunk, Struts, Restful, Apache ActiveMQ, Spring Core, Spring MVC, JUnit, ESB MULE, JSTL, SOAP UI, Spring Tool Suite, Web logic, Maven, SVN.**

**Client: M&T Bank, Buffalo, NY**

**Sr. Java/J2EE developer Jan‘13 – Mar’ 14**

**Project: PLMR (Project Loan Management Report)**

**Responsibilities:**

* Involved in understanding system requirements, application design, functional specifications and verify test strategies against the requirements.
* Used J2EE architecture with **Spring MVC** to make the system scalable.
* Built Web pages that are more user-interactive using **AJAX, JavaScript, and JQuery**.
* Worked on jQuery for user interface interactions, effects and themes built on top of the JQuery, JavaScript.
* Used **Bootstrap** for faster and easier web development.
* Used **Back base**platform for customer’s easy usage.
* Designed and developed the Business Service using Spring Framework (Dependency Injection) and DTO Design Pattern.
* Responsible for designing user interface using **Spring Framework** and **JSP’s,** Java Script.
* Application is deployed on **Tomcat** server.
* Created an ATG Commerce pipeline process for authenticating user before checkout process.
* Worked on Hibernate object/relational mapping for DAO Design Pattern according to database schema.
* Worked on the **Web Services** classes and **WSDL** generation and exposed the service at server-side over the Internet.
* Used Apache Axis 2 Web service standard to generate java classes from WSDL and created stubs call to consume the service at client.
* Involved in performing Unit and Integration testing **Junit.**Used **ANT** as build tool.

**Environment: Java 6, J2EE (JSP’s, Servlets), Java Script, XML, Apache Tomcat, Bootstrap,Back base platform, HTML, Spring MVC 3.0, Hibernate, SOAP Web Services and Junit, Ant, and Log4J**

**Client: EBay, Phoenix, AZ**

**Sr. Java/J2EE developer Oct‘11 – Dec’ 12**

**Project: Customer Order Processing and Fulfillment System**

**Responsibilities:**

* Involved in analysis, design and development and testing phases of the application development using **Agile Scrum** methodology.
* Implemented entire application using Core java, java Collections and Spring 2.5 MVC design framework.
* Designed and deployed **XML** files for Dispatcher Servlets, Application Context and Controllers to implement the Inversion of Control (IOC) module in spring 2.5.
* Designed and developed queries using **SQL** and named queries, criterion API’s and also Created one-to-one and one-to many relationship using **Hibernate** and created **hibernate mapping files**.
* Extremely used plain **JavaScript** and **jQuery**to do the client side validations.
* Designed and developed the wrapper layer to the business module and exposed as the web services for the external systems communication and also extensively involved in defect fixing for one voice application.
* Used **RAD** as the IDE and deployed the application on Web Sphere application server 8.0 version.
* Building and compiling the existing source code on the new environment. Analyzing the migration flexibility of existing source code on the new environment.
* Used **Log4j** to provide central logging facility. Used Serena Dimensions for Source code version control.
* Design and Implemented **SOAP** Web Services to provide the interface to the various clients running on both Java and Non Java applications.
* Developed service layer under the guidance of Service Oriented Architecture **SOA**, published service as web services.
* Extensively used various design patterns like Factory, Data Access Objects and Data Transfer Objects in the project, which facilitates clean distribution of roles and responsibilities across various layers of processing.
* Used Test driven methods to improve the code and find defects in the code.
* Involved in creating, modifying and updating database tables in **DB2** using the tools like DB Visualizer.
* Participated in daily scrum meetings to discuss about the work done the before day, current day’s work and to let the team mates know if there are any road blocks.
* Involved in discussions with the testing teams to see the tasks accomplished meets the Acceptance Criteria of the product owners.
* Used **TDD** to run the tests and refactor code to pass the test.
* Participated in Retrospective meetings after every sprint to discuss about the overall ranking of the pervious sprint and to discuss about the drawbacks and scope for development.
* Used Lync notes to communicate with the team mates, schedule meeting, and share the workstation for same time screen sharing.

**Environment: Java 1.6, DB2, JSP, Servlet, Rapid Application Developer, WebSphere Application Server 8.0, Spring 2.5 MVC, Hibernate, SOA, JUnit, TDD, DB Visualizer, SOAPUI 4.0.**

**Client: Meta Minds Inc., Hyderabad, India**

**Mid. Java Developer Sept ‘09 – Oct’11**

**Project: Pricing Management System (PM)**

**Responsibilities:**

* Responsible for planning, designing with ER Studio and coding.
* Designed and developed Site Hierarchy interface and other **GUI** Screen applications with java.
* The User interface for setting-up the website creation tool, configuration settings, pop-up Windows were coded in **JAVA, DHTML** and **JavaScript.**Implemented Validation framework for field validation.
* Developed Presentation tier as Java Server Pages implementing in servlets
* Implemented presentation logic in **JSPs**, Servlets.
* Developed Servlets and designed **web.xml** for the servle
* Threads scheduling is used for the calendar tool.
* Developed extensible**XLST** procedures for handling navigational trees of any depth.
* Involved coding and review of the system.Migrated Image Viewer component for add -on features.
* Involved for preparation of user entry screens and web forms.
* Client side validations were done using JavaScript.
* Worked on writing **PL/SQL** Stored Procedures using **Oracle**. Used **JDBC**for connectivity.

**Environment:Java, J2EE, JDBC, Servlet, DHTML, Apache Tomcat, XLST, JSP, JavaScript, Oracle, Windows.**

**Client: Atoz Car Rental, Bangalore, India**

**Java Developer July’ 07 – Aug’ 09**

**Project:Car Rental**

**Responsibilities:**

* Java classes involving the Struts framework for the passing of the data from the JSP’s to database and vice versa.
* Used all the components of Struts Framework like Action Forms, Action Servlets, Action Mappings, Action Errors, and Tiles.
* Involved in the coding of the XML document that simulates the logical flow diagrams of the different studies.
* Involved in the extensive coding of JavaScript to handle the client side validations.
* UI developed using JSP, JavaScript, CSS and Struts Tag libraries.
* Addressed the issues arising out of the User acceptance testing and fixed the bugs according to the priorities.
* Configured the development and testing Developed and Deployed Trade Wise application using J2EE Architecture, which uses JMS and JSP front end.
* Tested the software module using Junit.Database Connectivity coding using Java, JDBC APIs.
* Involved meeting for convert pages from JSP to Struts framework.
* Involved in the designing of the JSP‘s for the various forms involved in the study.
* Involved in the coding of the environment.
* Involved in Production Support of the Application. Used SVN for version control
* Intranet standards of HTML and Http with the graphical web browser to support real business applications.

**Environment:Java, JSP, HTML, XML, Oracle 9i, JDBC, Windows 2000/XP, Web Services, SVN.**