# Akarsh

**OBJECTIVE:**

* A constant learner and a go-getter, I love taking up challenges and proving up to them.

### SUMMARY:

* Over **7** years of professional experience in designing, developing and testing internet/intranet **Web-based applications**, Client/Server applications, **Java/J2EE** Architecture, OO Design patterns.
* Good experience in designing web/enterprise applications using **Software Development Lifecycle** (SDLC) methodology like **Waterfall, Agile, SCRUM, RUP** and **Test Driven Development**.
* Hands on expertise in designing, developing and deploying applications using J2EE technologies including **JSP, Servlets, EJB, JSTL, Struts, Spring, AJAX, JDBC, JNDI, Java Beans, Hibernate, Web Services** and **RDBMS**.
* Very good understanding of**Model View Controller (MVC)**, Client Server, Multi-tier architectures, Session Façade and Service Locator.
* Strong knowledge of Java/J2EE design patterns. Implemented various design patterns like, **MVC, Command, Singleton, Session Facade, Front Controller, Data Access Object, Value Object patterns**.
* Expertise in web development using**HTML5, DHTML, CSS3, Java Script, XSL, XSLT,** and **XML** (SAX, DOM, JAXP, JAXB).
* Experience working with Service Oriented Architecture (SOA) with **SOAP** and **REST** and Enterprise Service Bus (ESB) using **WSDL.**
* Strong front-end UI development skills using **HTML, HTML5, CSS3, JavaScript, jQuery, Angular JS, AJAX, XML, XSLT**.
* Expert in designing enterprise applications using technologies like **EJB, JNDI, JMS**.
* Extensive experience in designing, developing and implementing Model View Controller (MVC2) using **Struts 2.0/1.1/1.0, spring**, and **Hibernate** framework.
* Experience in Database programming using **Oracle9i/10g/11g, Sybase, DB2 UDB, MySQL, SQL Server** and **MS Access**.
* Good experience in writing **SQL** Queries, **PL/SQL** Procedures, Functions, Triggers and Cursors.
* Experience in working with **Tomcat, GlassFish, IBM WebSphere, BEA WebLogic**and**JBoss.**
* Expertise in working on **ANT, Hudson, Maven, Log4j, JUnit, Mockito, JMock, Test-ng**.
* Experience in using Design Tools like Rational Rose Enterprise Tool, MS Visio, ERwin for Object Oriented Analysis (OOA) and Design (OOD) using **UML**(Unified Modeling Language).
* Experience in using various version control tools like **CVS, SVN** and **Rational Clear Case**.
* Strong Inter personal communication skills & ability to work independently as well as in a group.
* Quick Learner and adaptable to working environment.

### EDUCATION:

* Bachelor of Technology, India.

### TECHNICAL SKILLS:

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| **J2EE Technologies** | Struts 1.x/2.x, Spring 2.x/3.0, EJB 2.x/3.x, Hibernate 2.0/3.0, JDBC 2.1/3.0, Servlets, JSP, JNDI, JMS, Junit, Java Mail API, RMI, JAXB, JAXP, Apache Axis2, SOAP, Web Services. |
| **Languages** | Java 6/7/8, J2EE, PL/SQL, SQL, UML , XML, XSL, XSLT, C, C++ |
| **Application Server/Web Server** | IBM WebSphere Application Server 5.0/6.0/6.1/7.0, Jboss 4.0.3, Apache Tomcat 6.0/7.0,WebLogic Application Server 8.1/9.1. |
| **Web Technologies** | HTML 5, CSS3, Javascript, AJAX, JQuery, Angular JS. |
| **IDEs** | Websphere Application Developer 5.1.2, Eclipse 3.2/3.4, RAD, Net Beans. |
| **Database** | Oracle 9i/10g/11g, MS SQL Server, DB2, MySQL. |
| **Operating Systems** | Linux, Windows 8/7/2000/NT, UNIX. |
| **Configuration** | Clear Case, CVS, Perforce, Subversion. |
| **Others** | ANT, Rational Rose, MS Visio, log4j, RUP, Bugzilla, Clear Quest, Drools, RDBMS. |

**PROFESSIONAL EXPERIENCE:**

**Client: Florida Blue, Jacksonville, FL Apr 15 - Till Date**

**Domain: Health Insurance**

**Role: Java Developer**

**Project Title: AOR (Agent of Record)**

**Description:** This project was to derive all the agents’ information from the source systems and provide the subscriber and member details along with agent information for their health plans. This agent information will be used at the time of agent commission payments.

**Responsibilities:**

* Worked closely with Business Analysts and Project Leads to transform business requirements into Java code.
* Involved in design discussions and understanding of business requirements and identify the relevant functional and technical requirements.
* Developed UI screens using custom, general use modules and components that extend the elements and modules of core **Angular JS**.
* Used Ajax for service calls on pages to interact with the server for information.
* Utilized various **Angular JS** and **JQuery** libraries, **AJAX** for form validation and other interactive features.
* Implemented the middle layer using **Spring** framework for maintenance of business logic.
* Created and injected **Spring** dependency injection and to wire objects of business classes.
* Developed the **DAO** layer using **Hibernate** annotations to interact with **POSTGRE SQL**.
* Developed all **CURD** operations in the **DAO** layer using Hibernate annotations.
* Coding individual modules and unit testing them and then deployment on **AWS** and integration testing application.
* Worked on development and operations to facilitate deployment of components over AWS Cloud using Jenkins, Fabric Tools.
* Production deployment integrated with **AWS ElasticBeanstalk**.
* Used **Tomcat** application server to deploy the application.
* Used **Log4j** to track all the messages at different levels.
* Maintained the source code and all its versions using **SVN**.
* Used **Maven** to build the application and to retrieve all its dependencies from the central repository.
* Used **Sonar** to test the quality of the code and to identify any code related bugs.
* Involved in maintenance of automatic builds using **Jenkins**.
* Used **Jira**tool to track the tasks assigned and its progress at different levels.
* Involved in **Unit testing**, **UAT**, documenting, bug fixing and pre-production support.

**Environment:** Java 7.0, HTML 5, CSS 3, JavaScript, Angular JS 1.4, JQuery 1.9, Ajax, Spring 2.3.2, Hibernate 3.6.4, POSTGRE SQL 9.4, AWSElasticBeanstalk, Windows 7, Eclipse, JUnit, Log4j, Maven, SVN, Jenkins.

**Client: FedEx, Memphis, TN Apr 14 – Mar 15**

**Domain: Logistics**

**Role: Sr. Java Developer**

**Project Title: ePRS (Enterprise Pricing Request System)**

**Description:** Intelligent “Process & Workflow” management system defines & facilitates the “End-to-End” pricing. This system should deliver outstanding user experience for pricing requests, pricing approvals, and pricing implementation that can be translated into maximum customer loyalty and value by offering a scalable, efficient and complete pricing request process consistently exceeding user needs.

**Responsibilities:**

* Involved in converting business requirements into technical requirements.
* Used **JSF** framework with **Ice Faces** in developing user interface using **JSF UIComponents**, **Validator**, **Events**, **Listeners** and **Backing Beans**.
* Supported Navigation rules using **JSF** configuration file and defining them in the managed beans.
* Implemented **AJAX** and**AngularJS** to allow dynamic loading, improved interaction and rich look to the User Interface.
* Coded **Angular** JS controllers and directives for application functionality.
* Used **Spring** framework as middle layer and to configure an external rest service.
* Consumed an external Rest Service to retrieve data which acts like a service layer.
* Developed Model objects for presentation and Database layers.
* Implemented the **DAO** layer to interact with **MySQL** using Hibernation annotations.
* Developed all **CURD** operations in the **DAO** layer using **Hibernate ORM** tool.
* Developed and implemented **SOA** solutions, software apps and web service solutions.
* Worked within **SOA** based enterprise framework to build web services.
* Worked on **AWS**, High Availability Practices and deploying backup/restore infrastructure
* Designed and implemented a database migration to centralize multiple local MySQL database instances to a single **Amazon Aurora** RDS instance.
* Used **Log4j** to log the messages at different levels. Also used Ivy to maintain all the dependencies as a central repository.
* Used Tomcat application server to deploy the application.
* Used software versioning and revision control system **SVN** to maintain current and historical versions of codebase.
* Used **Hudson** to maintain automated builds.
* Developed **JUnit** test cases for **DAO** layer.
* Used **PMD/EMMA** tools for code coverage.
* Involved in the maintenance of deploying the code to different test levels and to production servers.

**Environment:** Java 6.0, HTML 5, CSS 3, JSF 2.1, IceFaces 3.2,AngularJS 1.4, Spring 3.2.5, Hibernate 3.5, AWS,MySQL, Rest Webservice, Windows 7, Eclipse, JUnit, Log4j, ANT, SVN.

**Client: Benecard, Orlando, FL July 13 – Mar 14**

**Domain: Healthcare**

**Role: Java/ J2EE Developer**

**Project Title: MTM**

**Description:** MTM is a health care project currently being implemented by Benecard. This project will provide access to different users from Smart D and EGWP programs. It essentially sources transaction information from different pharmacies and enrolled users, also includes weekly and monthly batch programs for updating claim and enrollment data to the database. This project provides online maintenance of different cases belonging to that pharmacy and also rerouting patient cases.

**Responsibilities:**

* Interacting with the business users, analysts and understanding the requirements.
* Developed UI by using **HTML5**, **CSS**, JavaScript, **JQuery** and Ajax calls.
* Used **JSF** Framework to wire the business components.
* Defining the managed beans in Faces context and business layer component beans.
* Developed UI screens from scratch with wireframes using **Primefaces3.2**.
* Defined Managed beans using annotations and implemented navigation on UI pages in **JSF2**.
* Used **Maven** to build project by defining all dependencies in POM file.
* Defined service layer using **EJB3.0** and also defined remote and local services using JNDI names.
* Involved in **SDLC** design and development of the back-end system in Java, which included implementation of Sliding window protocol, integration of the **ILogJRules**.
* Accessed remote and local **EJB** services from controller using JNDI names.
* Created different Model objects for Database and presentation.
* Developed data access object layer components to interact with **Oracle** and used **Hibernate** to access Database.
* Worked on data access layer for insertions, updating and retrieval operations of data from **Oracle** database.
* Performed deployment of project EAR on **Web Sphere**.
* Data Access Layer accessed Database using JNDI Names of Data source which are created on web sphere.
* Used **SPRINGDependencyInjection** to access mapper objects created using Hibernate from Data Access Layer.
* Built configuration management scripts in Amazon's **Elastic Beanstalk**.
* Used **Log4j** to log the error friendly log messages to the log files.
* Used software versioning and revision control system **SVN** to maintain current and historical versions of Codebase.
* Generated User interface Templates using **JSP, JavaScript, Ajax, JQuery, and PHP.**
* Interacting with the Quality team about the issues, bugs found and fixing them in the testing phase of the Application.
* Used **Mantis** Bug Tracker to keep track of application bugs as well as to coordinate with the testing team.

**Environment:** Java 5.0, JSF 2.0, Prime faces 3.2, HTML 5.0, CSS, JavaScript, Ajax, EJB 3.0, Spring, XML, XSLT, iLog, JRules, Web services (SOAP,WSDL), AWS ElasticBeanstalk, Hibernate, DB2, Oracle, Windows 2007, Eclipse, JUnit, Log4j, Maven, SVN, Web Sphere 7.0,PHP.

**Client: Sprint Corporation - Overland Park, KS July 12 – June 13**

**Role: Java/J2EE Developer**

**Description:** Sprint Corporation, commonly referred to as Sprint, is a United States telecommunications holding company that provides wireless services and is also a major global Internet carrier. It is the third largest U.S. wireless network operator.

**Responsibilities:**

* Designed, developed and deployed the application framework including **Spring** FW, **Hibernate** and deployed on Web logic Application server 10g.
* Involved in developing application using agile methodologies by reporting weekly progress.
* Developed the testing framework before starting the application development as confirming to agile methodologies.
* Exposed web services to client developing **WSDL** also involved in developing web client for application interactions.
* Developed an asynchronous, **AJAX** based rich client for improved customer experience.
* Worked with developing UI by analyzing and design using **MVC** based **Struts** framework 2.0, **JavaScript**, **CSS** and **HTML** for the front-end screens.
* Designed and implemented a Spring/Hibernate/JMS based product identification system for searching Imei and finding the status.
* Worked with **JSON** notations to populate the data from server to client screens.
* Developed Framework API for Tax calculations in Yoda using server-side components using **J2EE** and **spring** framework.
* Designed, developed and implemented a messaging module using Java Messaging Service (**JMS**) point-to-point messaging and Message Driven Beans to listen to the messages in the queue for interactions with client ordering data.
* Worked on **SVN** for version control and source code control.
* Implemented Logging, Auditing using **Spring** Framework's Aspect Oriented Programming.
* Worked extensively configuring **JDBC** connection pools and in Web logic and used SQL and **PL/SQL** also developed stored procedures for searching warehouse Quantities from the databases.

**Environment:** Java, Core Java, J2EE, UML, MDB, Servlets, Ajax, Struts, Hibernate, Spring, JSP, JDBC, Java JMS, JUnit, Oracle, Eclipse, Apache Tomcat, SVN, XML, JavaScript, CSS, Log4j, Perl, Solaris Unix, Weblogic10g, PL/SQL, Web Services (SOAP).

**Client: Citi Bank Dec 10 - Jun 12**

**Domain: Banking**

**Role: Java/J2EE Developer**

**Project Title: Banking Legal Control Application**

**Description:** The project is about the share market and the dealings carried out over there. The company develops some applications and it directly doesn't interact with each and every individual or small organizations. It will be dealing with its clients who act as mediators between the individuals and the company.

**Responsibilities:**

* Responsible for gathering business requirements, review the requirements and converting them to detailed design documents andclarification documents.
* Used **Agile** Methodology (**Scrum** and XP) for the entire module.
* If required giving a quickprototypes for the application and used **CoreJava** for implementing multi-threading**.**
* Responsible for High Level Designs (HLD) and Low Level Design (LLD) using **J2EE** DesignPatterns for numerous enhancement projects within the application.
* Responsible for integration of different modules.
* Developed UI and backend applications using **Struts**, **JSF**, **Hibernate**, **EJB** 3.0, **JSP**, **HTML**, **JavaScript** and **AJAX.**
* Implemented JSP, JSF, Struts Tag Libraries, Java Scriptand **CSS** for developing User Interfaces
* Responsible for creating/generating Hibernate classes and configuration XML’s to manage Transactions (insert, update, and delete).
* Created **JUnit** test cases, and Development of JUnit classes.
* Configured **log4j** to enable/disable logging in application.
* Developed **ANT** script to build .war and .ear files for the application
* Used **JProfiler** to identify memory leaks in the application.
* Responsible in coordination with offshore team, attending daily and weekly **scrummeetings** to update the work status, issues clarifications etc.

**Environment**: Java, Core Java, J2EE, JSP, HTML5, CSS, Struts, JMS, spring, Hibernate, NetBeans, Web Sphere, JUnit, JavaScript, Log4J, Ant, Maven, JProfiler and Oracle.

**Client: Andhra Bank, India Sep 09 - Nov 10**

**Domain: Security**

**Role: Java Developer**

**Project Title: Security Management System for Bank’s IT infrastructure**

**Description:** The project is for the identification of an organization's threats (including information systems), followed by the development, documentation, and implementation of policies and procedures for protecting these systems.

**Responsibilities:**

* Participated in user requirement sessions to **analysis** and gather business requirements.
* Participated into meetings to discuss about requirements and communicated to users (Agencies) to get the information about requirements.
* Wrote JNI components in Java to call C++ library and interact with C++ functionality.
* Implemented the **CoreJavaOOPS** and **collectionframework**.
* Understand **UseCases** and prepared **UML** Diagrams.
* Involved in Analysis, Design, Development, Integration and Testing of application modules.
* Develop applications using **Struts**, **spring** framework and **EJB**.
* Involved developing Hibernate **ORM** layer (DAO)
* Developed **WebServices** using Java technology.
* Implemented **Log4j** and **ExceptionHandling** frameworks.
* Prepared unit test cases.
* Implemented **JMS**, **MDB** and related confirmation.

**Environment**: Java, Core Java, J2EE, JSP, HTML, CSS, Struts, JMS, spring, Hibernate, Net Beans, Web Sphere, JavaScript, Log4J, Ant, Maven, JNI, CVS, RAD and Oracle.