**SAI HARIKA D** *d*[*sharika45@gmail.com*](mailto:sharika45@gmail.com) **Sr. Java/J2EE Full Stack Developer Ph: (515)-505-8461**

**Summary**

* Over 8 years of experience in delivering enterprise solutions in multiple domains like Finance, Telecom, Insurance, Health and other related domains. Expertise in conceptualizing, designing and coding technical solutions.
* Experienced in working with various Software Development Life Cycle (**SDLC)** methodologies based on **Agile, Scrum, Waterfall Model, Iteration** in developing web applications using **Java, J2EE, EJB** etc.
* Expertise in design and development of various web and enterprise-level applications using Java/J2EE technologies.
* Worked Extensively with Open Source Technologies like **Struts 2.0/1.1, Hibernate 3.0, Spring 2.0, Spring JDBC, Spring MVC, Spring IOC, EJB, JPA, JSF** and **Servlets 3.x**. Exposure to **Spring Frame Work API 2.5.**
* Strong experience in Spring Framework modules such as **Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Boot, Spring Microservices, Spring REST, Spring Eureka, Spring Ribbon, Spring Netflix, Spring Zuul.**
* Extensively used different Tag Libraries like **JSF Tags, Struts Tags, JSTL, Spring Tags, Spring EL, Display Tag**.
* Experience in implementing SOA and web services such as **SOAP** and **REST** using **WSDL, CXF2, JAX-WS** and **JAX-RS**.
* Expertise in **XML** technologies such as **DTD/Schemas, DOM, SAX, XSLT, XPATH, Castor.**
* Strong understanding of **Micro service**s patterns – **Circuit Breaker/Hystrix, DDD, Aggregator, Proxy Chaining**.
* Experienced in Distributed Transaction Management system with **Spring JTA** Based on **Atomikos** and **Bitronix.**
* Responsible for support and maintenance of batch jobs, implemented **Spring batch** for over **1million transactions**.
* Experienced in working with **Spring JDBC** Templates, **JMS** Templates, **Spring EAI**, **Spring Rest Templates**.
* Experienced in Middleware persistence frameworks like Hibernate/JPA Entities for mapping Java classes using **Hibernate Query Language** (HQL), **HSQL Named Queries, Criteria, Projections**.
* Developed applications using latest technologies like **EJB3.2, Spring 3.x/4.x, Hibernate3.2/4.x, and REST based Web services (Axis2.0, JAX WS 2.0, JAX RS), Rule Engines (Drools4.1, ILOG), JBPM tools**.
* Experience in each phase of Software Development Life Cycle(SDLC). Worked on agile methodology with Test Driven Development(TDD) process.
* Experienced in UI frame works such as **JSF**, **Facelets, Prime faces, JQuery, Ajax, Google Web Toolkit (GWT),**

**JavaScript, Angular js, NodeJS, ReactJs, BackboneJS, Tag Libraries, Custom Tags**.

* Experienced in Client-side validations using **Ajax** in NodeJS, **Angular js**, dash boards reports using **BackboneJS**.
* Experienced in Full stack UI technologies using **Grunt js, Gulp Server, Yoman** generator for Angular.
* Expertise in using inbuilt and custom **AngularJS directives** and **filters** to add functionalities to the web page elements.
* Experienced in Database Design, creation, management and developed complex **PL/SQL queries, procedures,**

**Triggers, Stored Procedures**, **Packages** and **Views** in various databases such as **Oracle, DB2** and **MySQL**.

* Experience in **NoSQL** databases like **MongoDB, Cassandra** which offers high performance and easy scalability.
* Proficient in ETL (Extract – Transform – Load) using SQL Server Integration Services 2005 (SSIS).
* Proficient in using Amazon Web Services **AWS**. Extensive experience focusing on services like **EC2, VPC, Cloud Watch, Cloud Front, Cloud Formation, IAM, S3, Amazon RDS, ElastiCache, SNS, SQS**.
* Configured **AWS Identity and Access Management** (IAM) Groups and Users for improved login authentication.
* Experience with **Docker** containers, leveraging Linux Containers and AMI's to create **Docker Images/ containers**.
* Experience with messaging systems like **Kafka, Kafka event sourcing.**
* Experience in implementing Java EE design patterns such as **MVC, Singleton, Factory, Abstract Factory, Adapter, Service Locator, Session Facade, DAO, DTO, and Business Delegate** in the development of Enterprise Applications.
* Experienced in developing UNIX shell scripts for batch processing, **Perl** and scripts.
* Extensive use of Use case model, use case diagrams, class diagrams and sequence diagrams using **MS VISIO,**

**Enterprise Architect and RAD 7.5/8.0**for SDLC process of the application.

* Worked in BI/Metadata/Reporting tools **iText (PDF), POI-HSSF (Excel).**
* Experience in **JUnit** frame work with **Mockito** and Easy mock, **Spring Junit Runner** and Created Test automation

framework using **Cucumber Selenium** web driver and **Selenium Grid**.

* Experienced in **Development, testing and deployment** of enterprise applications on Windows & UNIX platforms

using IDE's such as **Eclipse, Rational Application Developer (RAD), Netbeans, Intellij 14.x/15.x**

* Experience with **CICD-ANT, MAVEN, GRADLE, JENKINS, HUDSON, CVS, GIT, GITHUB** and logging tools like **Log4J.**
* Experience in configuring and deploying the applications into **Tomcat, WebSphere, Weblogic** and **Jboss** Servers.

**Technical Skills**

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| **Java/J2EE Technologies** | **Servlets, JSP, JSTL, JDBC, JMS, JNDI, RMI, EJB, JFC/Swing, AWT, Applets, Multi-threading, Java Networking** |
| **Programming Languages** | **Java JDK 1.4/1.5/1.6/1.8, C++, C, SQL, PL/SQL** |
| **Application/Web Servers:** | **Oracle/BEA Weblogic 8.1/9.1/10.3, IBM WebSphere 5.1/6.0/6.1/7.0, Jboss, Tomcat 5.0.28/6.0, Bug tracking, Jenkins.** |
| **Frameworks** | **Struts 2.x/1.x, Spring 3.x/ 2.x, Hibernate 3.x, JSF 1.2/2.0, iBatis** |
| **UI Frameworks** | **JQuery, AngularJS, Bootstrap.** |
| **IDEs** | **Eclipse 3.x, IBM WSAD, IntelliJ, Dream viewer, NetBeans** |
| **Web technologies** | **HTML/HTML5, CSS/CSS3, XHTML, JavaScript, Ajax, JQuery, AngularJS, JSON** |
| **Design Tools** | **Adobe PhotoShop, Adobe After Effect, Dreamweaver** |
| **Web Services** | **JAX-WS, JAX-RPC, JAX-RS, SOAP, REST, SOAP UI, Axis2, Apache CXF, WSDL** |
| **XML Tools** | **JAXB, Apache Axis** |
| **Methodologies** | **Agile, Scrum, RUP, TDD, OOAD, SDLC** |
| **Modeling Tools** | **UML, Rational Rose, Visio** |
| **Messaging Tools** | **JMS, Kafka, Rabbit MQ** |
| **Testing technologies/tools** | **JUnit, JMeter, HtmlUnit, Jasmine, Karma, Protractor, Selenium, Jenkins, Docker** |
| **Database Servers** | **Oracle 8i/9i/10g/11G, DB2, SQL Server 2000/2005/2008, MySQL** |
| **Version Control** | **CVS, SVN, Git** |
| **Build Tools** | **ANT, Maven, Gradle** |
| **Metadata / Reporting Tools** | **Jakarta POI-HSSF** |
| **Platforms** | **Windows 2000/98/95/NT4.0, UNIX, Windows 7** |

**PROFESSIONAL EXPERIENCE**

**Client : Omnicare, Cincinnati, OH**

**Date : May 2016 – Till Date**

**Role : Sr. Java/J2EE Developer & Full Stack Developer**

**Description:** Omnicare’s e-kit system is a high performance, flexible, automated system. A formulary is created to deliver medicines to facilities. Faulty manual systems, where every billing was manual is now automated. The facilities place the orders online and any discrepancies are reported within a week. This package provides a powerful way of user-driven application with transparency, security and ease in data access.

**Responsibilities:**

* Responsible for **Agile** implementation and practices for Scrum meetings.
* Worked with Advanced **Java 1.8 features like Lambda** for adding functionality processing capability and **Stream API** to facilitate pipeline processing and method to eliminate elements based on the criteria.
* Involved in developing **Thread** Safe blocks for **multithread** access and distributed transaction management.
* Designed and developed the End Points (Controllers), Business Layer, **DAO** Layer using **Hibernate**/**JDBC** template to fetch data from database, using **Spring IOC** (Dependency Injection).
* Heavily used **Spring Inheritance, Auto-wiring, Core Container, Security, AOP, ORM modules as part of migration from EJB to spring, Spring Quartz** for scheduling tasks to generate reports and emails to clients.
* Created and injected **Spring services, Spring controllers** and **DAOs** to achieve **dependency injection**.
* Implemented **Autowire by Name** and **by Type** in constructor arguments to enable the Spring Bean.
* Implemented **SOA** to develop **Spring Restful/Micro Services and** implemented **Spring Eureka, Netflix, Ribbon as part of Services Discovery** usin**g Apache Axis**.
* Used Micro **service** architecture with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka** message brokers and built the Real-Time Data Pipeline using **Apache Storm and Spark.**
* Used **SOAP UI, Postman, Rest Client, Spring Mock MVC, Spring 4Junit**for testing the web services.
* Extensively used **Hibernate Relational mappings (One-To-Many, Many-To-Many)** in the secondary project.
* Extensively worked on **Hibernate Cache, Query, Criteria and Transactions** in secondary project.
* Upgraded **Spring Rest Controllers** and Services classes to support migration to **Spring** framework.
* Involved in **Angular, HTML5** and **CSS3** code optimization, **DOM** loading and cross browser compatibility.
* Upgraded existing UI with **HTML5, CSS3, JQuery** and **Bootstrap** with **AngularJs** interaction.
* Effective use of **CSS3** features, such as creating borders and background, etc. and used **LESS/SASS** Preprocessor.
* Extensively used **Angular JS 2 directives, filters, services, bootstrap** to support Desktop and mobile versions.
* Created custom **Angular JS** directives to implement some of the specific functionalities.
* Implemented **REST** based web services using **JAX-RS** annotations, Jersey provider and consumed using **HTTP** services from **angular JS** modules.
* Used Test driven development (TDD) approach for application development.
* Developed various generic **JavaScript, Angular functions** to implement client side validations.
* Developed Application to asses **JSON** and **XML** from **Restful** web service from consumer side using **Angular JS.**
* Experience in Building **Web Service** Contracts in **SOA Service Manager, Orchestration, performance tuning**.
* Implemented **Spring Circuit breaker** pattern, integrated **Hystrix dashboard** to monitor **Spring micro services**.
* Developed quality code adhering to **Scala** coding Standards, Spark scripts by using **Scala** Shell commands.
* Implemented Authentication & Authorization with Site Minder and **Spring security**.
* Worked with **KafkaCluster** using **ZooKeeper** and maintained shared data with robust techniques.
* **Apache Mesos** and **Kubernetes** were used as the best ecosystem to deploy and manage microservices.
* Used **PL/SQL** stored procedures for applications that needed to execute as part of a scheduling mechanisms.
* Used **Toad** to interact with **oracle data base, performance tuning db execution plans.**
* Wrote SQL **queries, stored procedures, triggers** and enhanced performance by running explain plans.
* Hands on experience with **MongoDB** Installation, Configuring, Monitoring and Designing Shared Environment.
* Used Amazon Web Services (**AWS**) like **EC2, S3**, **cloud watch** and **Elastic Bean Stalk** for code deployment.
* Developed Applications using **Rule Engines-Jboss Drools** 4.x,**Work flows, Human tasks** to implement Business rules validations and provided Drools Dashboard for Business users.
* Worked on creation of custom **Docker** container images, tagging, pushing images, integration of **Spring boot**.
* Created the **Docker** containers and **Docker** consoles for managing the application life cycle.
* Worked with the Node package manager(NPM) along with **Karma, Jasmine**, **Grunt** and **Bower** for test and build.
* Used **Maven** as build and dependency management tool for creating **EAR, WAR** and **JAR** file to be deployed in application servers and integrated with **SVN, Jenkins, and Jenkins Jobs.**
* Resolved bugs/defects in application by coordinating with team members of the project to assure a positive outcome using **JIRA** and fixed defects identified during **QA, UAT** and **Production**.
* Used **log4j** for logging **GIT, SVN** as version management, **JIRA** for defect management system.
* Developed test cases and performed unit testing using **Junit** and configured **Karma** test runner for the project and documented test plans and tests cases using **Jasmine.**
* Nginx is used as reverse proxy server for **HTTP**, **HTTPS** and it is also used for server’s load balancing with cache.
* Administered and Deployed the application into**JBoss** application server.

**Environment: Web Services, Spring 4.x, Hibernate, HTML5, JSP,JavaScript**, **JQuery, AJAX, GWT,CSS3, Angular JS, SOAP UI, XML, WSDL, Apace Mesos, Kubernetes,Java1.8, J2EE,Scala, Kafka, Eureka, Agile Methodology, JIRA processes, GIT, Design Patterns, PL/SQL, Junit, WebSphere MQ, Maven, TDD, Eclipse IDE, CVS and Oracle 11g.**

**Client : UHG, Southfield, MI**

**Duration : March 2015 – April 2016**

**Role : Sr. Java Full Stack Developer**

**Description:**  eMedical System is an online application which has been developed at UHG. The objective of the project was to redesign a hospital management system from a thick client-server application to a thin web-based client. The project was designed for the hospital/clinic to manage their patients, their treatments, their results. The redesigned application can now let patients also login to the system to setup/change their appointment, view their treatment plans and pay their bills.

**Responsibilities:**

* As a Java developer involved in back-end and front-end developing team. Took part in developing, maintaining, reviewing and supporting quality code and services.
* Involved in Daily **SCRUM** meetings and weekly **SPRINT** Meetings.
* Implemented various features of **spring** framework such as **Dependency Injection**, **IOC**, **Annotations** and **Spring integration** with **Hibernate Framework** (Persistence Layer).
* Implemented application architecture of the System is based on **Spring MVC** and **J2EE** specifications.
* Used **Multithreading** for situations to avoid freezing of GUI where one thread can run GUI code while other thread can complete DB or Network job in background without freezing application.
* Configured **Swagger-UI** registered **Micro service** with **Eureka server** to monitor service health check.
* Experienced in **Security-System development** for Web Applications using Spring Security.
* Designed and coded application components in an Agile environment utilizing a test driven development approach.
* Involved and developed all phases of security implementation using spring security system against modes of authentications: **LDAP authentication, Database authentication** and **Pre-Authentication.**
* Integrated application with **Spring Security** by using jsp tags to provide UI level spring security.
* Experience in working with **Spring Quartz framework** and developed various quartz jobs
* Implemented Dynamic job scheduling according to the business need same using **Quartz scheduler**.
* All the functionality is implemented using **Spring IO / Spring Boot and Hibernate ORM**.
* Worked with **Spring Actuator** for configuring Spring Boot application, monitoring and invoking HTTP endpoints.
* Used **Spring Hateoas** that follows Hateoas principle to create **REST** representations when working with Spring.
* Implemented Java EE using **Spring MVC, Spring IOC, Spring transactions and Spring Security modules.**
* Rearchitect monolithic service into micro services based architecture using **Pivotal Cloud Foundary (PCF)**.
* Implementing or exposing the Micro services to base on **RESTful API** utilizing Spring Boot with Spring MVC.
* Developed Applications using **Rule Engines**, **Drools 4.x, Work Flows, Human tasks and ILOG**to implement business rule validations and provided **Drools Dashboard** for business User Roles.
* Implemented the application using **design patterns** such as **Session Facade**, **Business Delegate**, **Bean Factory**, **Singleton**, **Data Access Object**, and **Service Locator**.
* Implemented and developed UI components using **Angular JS** features like **dependency Injection, Models, data binding, directives and controllers** which eliminated much of the code to be written.
* Developed test cases for **Angular JS** using **karma** and **grunt** as test runners.
* UI design and development using **Struts, HTML5, CSS3 JavaScript, AJAX, JSON, JSF, richfaces and myfaces**.
* Develop various screens for the front end using **Angular JS** and used various predefined components from NPM.
* Used **Java Messaging Services (JMS)** for reliable and asynchronous exchange of important information such as payment status report and implemented **Service Oriented Architecture** (SOA) using JMS.
* Worked with **JAXB**, **SAXP** and **XML Schema** for exporting data into XML format and importing data from XML format to data base and **JAXB** in the web service's request response for data marshalling and unmarshalling.
* **Used PL/SQL** stored procedures for applications that needed to execute as part of a scheduling mechanisms.
* Defined strategic initiatives on **Continuous Integration & Delivery (CI/CD**) model with **Test-driven development, Extreme programming (XP)**, and build automation, in an AGILE development environment to help, respond quickly to business needs and to ship world class Quality products.
* Utilized **Hibernate** for **Object/Relational Mapping (ORM)** purposes for persistence onto the Oracle database.
* Integration of **automation** batch run job with **Jenkins**. Worked with Jenkins Continuous Integration tool and wrote **ANT** Scripts to automate the build and deploy process and used **GIT** as version management system.
* Used **JUnit** for unit testing of application, **log4j** for generating run-time logs and **JIRA** for defect management.
* Built the package, Administered and deployed applications into **JBoss and WebLogic Server**.

**Environment: Java 7.0, Spring 3, Hibernate 4.2, Spring batch, Spring quartz, Spring security, Spring Jta, Spring Boot, Spring Hateoas, JPA, Java Scripts, AngularJS 1.5, HTML 5.0, CSS3, TDD, JMS, JAXP (SAX & DOM), JBoss, Eclipse, Oracle 11g, RESTful, log4j, Junit, XML, Web Services, GIT.**

**Client : American National Insurance Company, WaterLoo, IA**

**Duration : Jan 2014 – Feb 2015**

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

**Description:** American National Insurance Company is a leading insurance organization offering a broad range of insurance products and insurance-related services. ANIC provides insurance protection to more than 5 million businesses and professionals in the US and also internationally. This Project helps registered customers to buy insurance online. It integrates and manages customer login, processes credit cards, shipping information, shopping sessions and various views of products and services up for sale. The complete system was divided into two modules, a website that manages customer login details and an order management system that fulfills purchase order.

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle (SDLC)** of the application like Requirement gathering, Design, Analysis and Code development.
* Generated Use case diagrams, Class diagrams, and Sequence diagrams using **Rational Rose**
* The application is designed using **J2EE design patterns** and technologies based on **MVC** architecture
* Used **J2EE design** patterns like Value Object Pattern, S**ession façade, Singleton, Factory** and **DAO**.
* **Spring with Tiles Framework** is implemented for a common look in all the presentation views.
* Integrated struts MVC with **spring DI and Spring hibernate DAO**
* **EJB** Session Beans were used to process requests from the user interface and CMP entity beans were used to interact with the persistence layer.**EJB3.0 annotations** are used to synchronize Data base tables through XML.
* Designed applications that execute on various browsers such as Internet Explorer, Mozilla Firefox, Google Chrome, and Opera using various debugging tools like Firebugs/IE Developer Tools.
* Continuous integration services are provided for software development using **JENKINS**
* Utilized Object Oriented Programming in JavaScript and DOM structure to implement various functionalities.
* Extensively used the JavaScript and JQuery plug-in to fetch and display the data on web pages and create interactive features in the application. Worked with JQuery concepts like selectors, and filters.
* Developed **EJB MDB’s** and message Queue’s using **JMS** technology.
* Implemented security for different frontend views based on the access privileges.
* Involved in writing **XML** validation classes using Struts validation framework.
* Designed the user interfaces using **JSPs, AJAX** and **Struts Tags**.
* Used **XML Web Services** using **SOAP** to register agents using non-java application.
* Developed services that are reusable and interoperable, based on **SOAP, WSDL, JAXWS, JAXRPC** Web services.
* Used **JMS** for the asynchronous exchange of critical data and events among J2EE components. **Publisher-Subscriber** method was used for data loading and **Point-To-Point** method of **JMS** was used for event processing
* Involved in requirements gathering and Capacity planning for Multi-Datacenter (four) and **Cassandra** Cluster.
* Used **Cassandra** (CQL) for database and **Redis** for cache, for storing and fetching the data.
* Used **RAD IDE** based on **Eclipse** for writing code for **JSP, Action Classes, Struts** and **spring beans**.
* Involved in writing **DAO, DTO’s** using Hibernate DAO Support.
* Implemented persistence layer using **Hibernate** that uses the POJOs to represent persistence database tuples.
* Developed **JUnit test cases** for DAO and Service Layer methods.
* Used **SVN** for version control of the application and **Log4J** to capture the log that includes runtime exceptions.
* Developed the **ANT** scripts for preparing **WAR** files used to deploy J2EE components.
* Interacted with quality assurance team for requirements gathering and analysis.

**Environment: Core Java, J2EE, JSP, Struts, Spring,** OOAD, **Oracle 10g, Cassandra, Redis, HTML, EJB3, AJAX, JMS**,**XML**, **Design Patterns**, **ANT, Rational Rose, IBM RAD IDE, Weblogic Application Server 10.x, Hibernate 4.0, LOG4J, SVN, TOAD, JUNIT, UML.**

**Client : Valley National Bank, Wayne, NJ**

**Duration : July 2012 – Dec 2013**

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

**Description**: Securities lending system provides a single, centralized, real-time system for borrowing and lending of securities like stocks, Fixed Income Instrument (T-bill and T-notes). Requests to borrow are routed to specified lenders and associated execution information is returned to the borrower without manual intervention. Securities Lending System has Desktop Client for call center and website for international users. User can specify time limit, rebate rate, collateral type, delivery details, maximum price and books.

**Responsibilities:**

* Involved in all phases of **SDLC** including Requirements, Collection, Analysis of the Customer Specifications, Development, Handling Change Request, Bug Fixing, Code Review and Customization of the Application.
* Created and deployed web pages using **HTML, CSS, JSP, JavaScript** and **jQuery**.
* Developed the Login, Policy and Claims Screens for customers using **AJAX, JSP, HTML, CSS3, JavaScript**, **jQuery**.
* Wrote code to fetch data from web services using **jQuery AJAX** via **JSON** response and updating the HTML pages.
* Involved in converting the custom tags from Struts to **JSF Prime faces.**
* Involved in designing of the application following **Model-View-Controller (MVC)** architecture.
* Implemented MVC architecture using Spring,**Hibernate** frameworks for database persistence.
* Implemented Java EE components using **Spring MVC, Spring IOC, Spring transactions** and **Spring security modules** and also involved in Coding Server pages using **JSP**.
* Implemented persistence layer using **Hibernate** that uses the POJOs to represent the database tuples.
* Implemented **Hibernate** to map all the tables from different data sources to make database updating.
* Involved in writing **DAO**, **DTO’s** using Hibernate DAO Support.
* Excellent implementation knowledge of Distributed Web Services/ Enterprise / Web / Client- Server systems using Java, **J2EE (JSP, Servlets, JDBC, EJB, JNDI, JMS, JAXP, JAXB, SDO, JPA), XML, SOAWeb services, ESB, JINI**and **Java Spaces Technology.**
* Used **Tomcat** as Web server to implement the Java **JSP, Servlets, JDBC, EJB**.
* Used **JMS** for the asynchronous exchange of critical data and events among **J2EE components. Publisher-Subscriber** method was used for data loading and **Point-To-Point** method of **JMS** was used for event processing.
* Developed Various CRUD operations by using **RESTful** web services.
* Developed **DAO** interfaces & implementations for database related operations using Hibernate and JAXB.
* Prepared **SQL/PL-SQL** scripts and **Stored Procedures** required to implement design get it fine-tuned from DBAs.
* Used **XML Web Services** using **SOAP** to register agents using non-java application.
* Used **RAD IDE** based on **JSP, Action Classes, Struts** and **Spring beans**.
* Used **Tomcat** Server to deploy the application. Used **Log4J** to capture the log that includes runtime exceptions.
* Used **Maven** build tool to build and deploy the application.
* Developed the **ANT** scripts for preparing **WAR** files used to deploy J2EE components.
* Used **Apache Storm** to get delivery responses from end-to-end and also from streaming the transaction process.
* Created various unit test cases and integration tests for the **DAO** and Service using **JUnit**.
* Used Junit for testing the application. Developed **JUnit test cases** for **DAO** and **Service Layer** methods.
* Used **Windows Azure Service Bus** to deploy the build into the cloud by creating multiple instances.
* Designed the data flow for the client-side screens and the object interaction layer for the server-side components using Rational Rose. Used **SVN** version controller to manage the code versions.
* Interacted with **Quality Assurance** team for requirements gathering and analysis.

**Environment: Core Java, java 1.7 J2EE 1.4, JSP 2.0, JSF, DB2 EJB, struct 1.x, JMS, JSTL JNDI, Spring 3.0, Multithreading, JDBC, Oracle, DHTML, XML, DOM, SAX, ANT, JavaScript, Ajax, HTML, Junit, Apache Storm0.8.2, PL-SQL, SOAP web services, REST Web services, Tomcat server, Servlets, Windows Azure, Rational Rose, JSF, WSAD 5.1.2, jQuery, Hibernate 3.0, LOG4J, CVS, NoSQL.**

**Client : Walgreens Health Initiatives, Chicago, IL**

**Duration : Nov 2009 – June 2012**

**Role : Java/J2EE Developer**

**Description:** Walgreens Health Initiatives (WHI) is the pharmacy benefit management arm of the drugstore giant Walgreen. WHI is part of Walgreen’s managed care division (called Walgreens health Services), it administers the pharmacy benefit programs for millions of help companies lower their health insurance costs. The Retrospective Drug Utilization Review (RDUR) application is a Web based member in the US. Its services include formulary design, disease management programs and mail-order pharmacy services that application responsible for the identification of drug therapy conflicts and the update and stratification of member profiles.

**Responsibilities:**

* Designed the application using the J2EE design patterns such as **Session Facade, Business Delegate, Service Locator, Value Object, Value List Handler, Singleton.**
* Developed Use case diagrams, Object diagrams, Class diagrams, and Sequence diagrams using **UML**.
* Developed presentation tier as **HTML, JSPs** using **Struts** Framework.
* Used **Struts Validation** Framework for dynamic validation of the user input forms.
* Developed **the middle tier** using **EJBs, Java Servlets** and debugged the servlets and **EJB** with **WebSphere** Application server and also developed **Session, entity beans** and **message drivenbeans**.
* Used Callable objects for implementing **multithreading** for parallel execution of independent events.
* Created Managed Beans for handling **JSF** pages and include logic for processing of the data on the page.
* **JQuery** opinionated about how a CRUD (Create, Read, Update, Delete) application should be built.
* Prepared high and low-level design documents for the business modules for future references and updates.
* Deployed the application on **WebSphere** application server in development and production environment.
* Undertook the Integration and testing of the different parts of the application.
* Created and written automated regression tests using **Jmeter** scripts for load testing.
* Developed automated Build files using ANT.
* Used **Subversion(SVC)** for version control and **log4j** for logging errors.

**Environment: Java/J2EE, Struts 1.2, Tiles , EJB, Multithreading**, **JMS, Servlets, JSP, JDBC, HTML, CSS, JavaScript, JUnit, Websphere 7.0, Eclipse, SQL Server 2000, log4j, Subversion, Windows NT**

**Client : AIG Life Insurance, Hyderabad, India**

**Duration : Oct 2008 – Oct 2009**

**Role : Java/UI Developer**

**Description:** This system provides Patient Administration, Billing and Pharmacy Management functions for the hospital. The Major function of this system is to provide and share the patient health records and access with other insurance companies through SOAP services.

**Responsibilities:**

* Designed and developed necessary **UML** Diagrams like Case, Class, Sequence, State, and Activity diagrams.
* Used **Rational Application Developer** (RAD) for development.
* Used **Collections, Multithreading, Exception Handling, Generics** and **Java I/O** to implement business logic.
* Extensively applied various design patterns such as **MVC-2, Front Controller, Factory, Singleton, Business Delegate, Session Façade, Service Locator, DAO** etc. throughout the application.
* Implemented the project as a multi-tier application using **Struts** along with **JSP** for the presentation tier.
* Used XML for the data transfer to the different layers and **HTML** and **JavaScript** for the front-end development.
* 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 database.
* Used **JMS** for reliable and asynchronous messaging the different components.
* Used **JDBC** to retrieve data from the Database and did the inserting and deleting operations in the database.
* Developed Stored Procedures and complicated queries for **MySQL**.
* Involved in designing unit test plans and developing test cases using **Junit** 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: Spring 2.5, hibernate, JSP, Core Java, web services, Ajax and Java Script, XML, Oracle 9i & Web logic 9.2, JavaScript, XML, Java J2EE 5, Struts, JUnit, CVS, Log4j, Web Services, RAD, MySQL, JUnit, Log4j, Web sphere Server, HTML, Windows XP, Unix**