**ANUSHA**

**Sr. Java/J2EE Full Stack Developer**

***Professional Summary:***

* **Over 8 years** of experience in **development** and **implementation** of applications using **Java** and **J2EE** technologies.
* Working knowledge in multi-tiered distributed environment, **OOAD** concepts, good understanding of Software Development Lifecycle **(SDLC)** and familiarity of Service Oriented Architecture **(SOA).**
* Expert in methodologies like **Agile,SCRUM, TDD, Waterfall, Scrum, Iteration** and **Pair Programming**.
* Proficient in developing **UML/Visio** diagrams using case tools like **Enterprise Architect,Visio** and **Rational Rose**.
* Strong experience in Spring Framework modules such as **Spring MVC, IOC, AOP, JDBC, JTA, IO, Spring Boot, Spring Micro services, Spring REST, Spring Eureka, Spring Ribbon, Spring Netflix, Spring Zuul.**
* Experience on **design patterns** such as **Session Facade, Business Delegate, Adaptor, Bean Factory and Singleton andFront Controller, Data Access Object, Service Locator, MVC, Data Transfer Object.**
* Experience in developing Web based UI’s using **JSP, HTML, DHTML, CSS, JavaScript (and its frameworks like JSON), Angular JS, Action Script, DOJO, jQuery, Backbone JS, Bootstrap, EXT JS** and **Ajax.**
* Used **JavaScript** for client-side validations and implemented **AJAX** with **JavaScript** for reducing data transfer.
* Experienced in Full stack UI technologies using **Grunt js, Gulp Server** for Angular.
* Experienced in working with **Spring JDBC** Templates, **JMS** Templates, **Spring EAI**, **Spring Rest Templates**.
* Strong understanding of**MicroservicesDesign** Patterns Circuit Breaker**/Hystrix, DTD, Aggregator, Proxy Chaining.**
* Expertise in application development using **JSP**, **Servlets**, **JDBC**, **JNDI**, **Spring**, **Hibernate, IBatis, Mybatis, JSF, EJB**, **XML**, **Web Services**, **WSDL**, **Struts, Spring 3.x**/**4.x, Boot, AWS, JDBC, JNDI, JMS, JAXB, SAX/DOM.**
* Expertise in XML technologies like **XSL, XSLT, XPATH** and parsers like **JAXP (SAX, DOM) and JAXB**.
* Expertise in implementing **Web services, Micro Services, AWS**, **Docker** and **JMS** for the **synchronous** and **asynchronous** communications between two applications running in different servers.
* Knowledge of **using Cloud Foundry** (CF) CLI for deploying applications and other **CF** management activities.
* 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, Elastic Cache, SNS, SQS**.
* Configured **AWS Identity and Access Management** (IAM) Groups and Users for improved login authentication.
* Worked on creating **Docker** images, Containers, push/pull and on integration with **Spring Boot**.
* Experience with messaging systems like **Kafka, Kafka event sourcing.**
* Expertise with tools like **SQL Workbench, SQL Developer** and **TOAD** tool for accessing the Database server.
* Expertise in Web Services architecture in **RESTFUL**and **WSDL** using **JAX-RPC**.
* Experience in **Database Design, Creation** and **management of Schemas**, writing Stored **Procedures**, functions, **Triggers, DDL, DML SQL** queries. Experience in writing **SQL**, **PL/SQL and DB2** programming.
* Experience in working with **NoSQL** databases like **MongoDB, Cassandra.**
* Knowledge in **Cassandra** database design, column family design and implementation, data migration scripts from Oracle to Cassandra, **Cassandra** tuning and data access optimization.
* Good Working knowledge of **ANT, MAVEN, Gradle** and **Log4J**.
* Well experienced in using **JUnit**, **Log 4J, Test NG** and **SOAP UI** for testing framework.
* Experience in **JUnit** frame work with **Mockito** and **Easy mock, SpringJunitRunner**.
* Extensive experience in testing on multiple operating systems including **Unix**, **LinuxSun Solaris**, and **Windows**.
* Expertise in using configuration management tool like **Rational Clear case**, **CVS and Git** for version controlling.
* Experienced in Development, testing and deployment of enterprise applications on Windows & UNIX platforms using
* IDE's such as **Eclipse, Rational Application Developer (RAD)**, **NetBeans, STS, Intellij 14.x/15.x**
* Experienced in developing UNIX shell scripts for batch processing, **Perl** and **Python** scripts.
* Experience in configuring and deploying the applications into **Tomcat, WebSphere, WebLogic** and **JBoss** Servers.
* Experience in creating Asynchronous Messaging configuration in **Tomcat, WebLogic** and **web sphere Servers**.
* Ability to communicate effectively with all levels of the organization such as technical, management and customers and presented technical designs and strategies through daily operations meetings.

**Technical Skills:**

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| Java/J2EE Technologies | Servlets, JSP, JSTL, JDBC, JMS, JNDI, RMI, EJB, JFC/Swing, Applets, Multi-threading. |
| Programming Languages | Java JDK 1.4/1.5/1.6/1.7/1.8, SQL, PL/SQL. |
| Application/Web Servers: | IBMWebSphere5.1/6.0/6.1/7.0, Jboss6.x/7.x, Tomcat 5.0/6.0/7.0/8.5/9, Jenkins. |
| Frameworks | Struts 2.x/1.x, Spring 3.x/ 2.x, Hibernate 3.x, JSF 1.2/2.0, iBatis, Flex. |
| UI Frameworks | jQuery, AngularJS, Bootstrap. |
| IDEs | Eclipse 3.x, IntelliJ, WebStorm. |
| Web technologies | HTML/HTML5, CSS/CSS3, XHTML, JavaScript, Ajax, jQuery, AngularJS, JSON. |
| Web Services | JAX-WS, JAX-RPC, JAX-RS, SOAP, REST, SOAP UI. |
| Methodologies | Agile, Scrum, TDD, OOAD, SDLC. |
| Testing technologies/tools | JUnit, JMeter, Selenium, Mockito. |
| Databases | Oracle 8i/9i/10g/11G/12C, DB2, SQL Server 2000/2005/2008, MySQL,MongoDB. |
| Version Control | CVS, SVN, Git, GITHUB. |
| Build Tools | ANT, Maven,Gradle. |
| Messaging Tools | JMS, Rabbit MQ, Apache Kafka. |
| Platforms | LINUX, UNIX, Windows OS. |

**Professional Experience**

**Client: Discover, Riverwoods, IL Duration: June 2016- Till Date**

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

**Description:** Discover is a highly diversified and growing financial services organization spanning the retail, business and corporate markets. Discover offers a wide range of services for all customers, from individuals and small businesses, to corporations and government entities, their business are categorized in to Retail Banking, corporate and Institutional Banking, Asset Management and other services like the Borrowing, Investment, Insurance , Online Banking , Activities , e-statements, Home Loans, private student loans, personal loans and home equity loans.

**Responsibilities:**

* Used **Agile** methodology followed by **SCRUM** process Sprints and daily Stand up meetings
* Developed UI pages with **JSP, SpringMVC, HTML5, CSS3, JavaScript, JQuery**, and used **BootStrap** for creating Responsive Web pages, themes and templates.
* Implemented **Synchronization** with the help of **Angular Data binding** concept and displayed data with the help of binding controllers in the **UI** and worked with **Angular JS Filters, Services** and**Directives (Structural, Attribute).**
* Used **React JS Flux** for unidirectional call back registrations and **React Js** hot reloader by making use of **Webpacks**. Involved in using **React JS** components, Forms, Events, Keys, Router, Animations
* Used custom **Node.js** proxy to simulate **API** responses before client implementation was complete, and to proxy requests to finished client APIs, handling authentication, custom headers, virtual application root, etc
* Created high-performance and animation timelines through **Angular Intuitive API** and used **Angular 2** templates to describe how components are rendered to the page.
* Created **Restful** web services using **Spring MVC REST** annotations & used JACKSON based REST-JSON convertors
* Developed Application to fetch response from **Restful** webservice from consumer side using **Angular.JS**
* Used **Spring Integration and Apache Camel** providing a simpler solution for the Integration problems.
* Developed Application to asses **JSON** and **XMl** from **Restful** web service from consumer side using **Angular.JS**
* Developed applications using **Java8** new features such as **Lambda Expressions** and **Stream API’s.**
* Involved in developing **Thread** Safe blocks for **multithread** access and distributed transaction management.
* Created and injected **Spring** services, controllers and DAOs to achieve **dependency injection**.
* All the functionality is implemented using **Spring IO / Spring Boot** and Hibernate ORM
* Implemented **Microservices** using **Spring Boot** and enabled discovery using **Eureka** server.
* Used Amazon Web Services (**AWS**) like **EC2, S3**, **cloud watch** and **Elastic Bean Stalk** for code deployment.
* Configured **AWS** Identity and Access Management (IAM) Groups and Users for improved login authentication.
* Developed API for using **AWS Lambda** to manage the servers and run the code in the **AWS.**
* Developed quality code adhering to **Scala** coding Standards and best practices.
* Developed Merge jobs in **Python** to extract and load data into **MySQL** database
* 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.
* Extensively worked on **Hibernate Cache, Query, Criteria and Transactions** in secondary project.
* Worked on creation of custom **Docker** container images, tagging, pushing images, integration of **Spring boot**.
* Hands on experience with **Mongo DB** Installation, Configuring, Monitoring and Designing Shared Environment.
* Limited Records with the help of **Mongo DB** and used **Advanced Mongo DB** Type Search.
* Used **Selenium** Framework to Play and Record tests for web applications and worked with **Selenium 2.0 web drivers** for handling multiple frames, multiple browser windows, popups, and alerts.
* Used **SOAP UI, Postman, Rest Client, Spring Mock MVC, Spring 4Junit** for testing the web services.
* Experience with messaging technologies Java Messaging Service (JMS), and preferably experience with **Kafka**.
* Experience with implementing **BPM** processes using **Synchronous** and **AsynchronousWebservices**
* 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.**
* Resolved bug in application by coordinated with team members to assure a positive outcome using **JIRA**.
* Used **GIT** and **GITHUB** as a repository for version control and branch management.
* Developed test cases and performed unit testing using **JUnit**.
* Used **Eureka** server to run and integrate spring boot applications and micro services in a **docker** container

**Environment:J2EE,Java8, Spring Boot, Spring MVC, hibernate 4.3, HTML5, CSS3, JavaScript6,jQuery, React Js,AJAX, Bootstrap, SOA, JSON, Angular JS 2.0, Amazon Web Services, Maven, Mongo DB, Kafka, Jenkins, Agile Methodology, Selenium, Git, Docker, JUnit, Oracle 11g, Sublime Text 3 and IntelliJ.**

**Client: Centene, St. Louis, MO Duration: Oct 2014-May 2016**

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

**Description:** Centene is a national leader in the health service field, providing managed care programs and related services to individuals and families enrolled in government-assisted health programs. They provide services to more than 1 million low income, elderly and disabled people receiving Medicaid, Supplemental security income and other benefits. They also offer specialty services in areas such as behavioral health, disease management, optional benefits plans, nurse triage, and pharmacy benefits management

**Responsibilities:**

* Involved in various **SDLC** phases like requirement gathering, **Design**, **Analysis** and **Code development**.
* **Multithreading** was used to process data in chunks to improve performance.
* Followed the best practices in coding like removing unnecessary casting, using **generics** in Hash Map, caching, **Collections** like sort, comparator, list, set and Design patterns.
* Used **Microservice** architecture with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka** message brokers.
* Developed interactive web pages using **HTML, CSS** and **JS** and used **Bootstrap** for cross browser compatibility.
* Wrote code **Web Services (JAX-WS)** for external system via **SOAP/HTTP call** and to fetch data from web services via JSON response and updating the HTML pages.
* Implemented application using **design patterns** such as **Session Facade**, **Adaptor**, **Bean Factory** and **Singleton**.
* Developed spring based presentation layer, **hibernate** based **DAO** layer and integrated them using **Spring Dependency injection, ORM and Web modules**.
* Configured **Hibernate** objects as Spring Beans in the Spring Configuration File.
* Configured the **Hibernate configuration** files to persist the data to the **Oracle 11g Database**.
* Created connections to database using **Hibernate Session Factory**, using **Hibernate APIs** to retrieve and store images to the database with Hibernate transaction control.
* Developed the application using **Spring Framework** that leverages **Model View Layer (MVC) architecture**.
* Used **Spring Batch** as spring batch jobs can meet the requirements of reliability, robustness, and traceability, which are essential for automatic processing of large amount of data.
* **Spring Security** is used for Authorization like Method Level Authorization and URL Level Authorization.
* **Spring Transaction** is used for the degree of isolation to work with other transactions and to execute within a transaction scope to run that transaction and used to check out before timing out of the transaction.
* **Spring Security** is utilized with the help of “Method Level Security” by using AOP (Aspect-Oriented Programming) and “URL Level Security” by using Servlet filters for web sockets.
* Used **Web services** (**SOAP**) for transmission of large blocks of data over HTTP.
* Created continuous integration builds using **Ant Jenkins**. And deployed on **WebSphere app** server.
* Used **XML Web Services** using **SOAP** protocol to transfer data from one application to other which is remote.
* Experience in Message Oriented Middleware implementation using **JMS and Kafka.**
* Used **JAX-B parser** for **marshaling** and **un marshaling**.
* Worked with **Web Sphere Application Server** as application server.
* Used version control repository **SVN** (Subversion by apache) and **JIRA** for issue tracking.
* Used **Maven** as a build tool and retrieved all the dependencies required for the application.
* Used **SOAP UI** for testing the web services, **AppDynamics** for application health and **JMeter** for stress testing.
* Used **PL/SQL** stored procedures for applications that needed to execute as part of a scheduling mechanisms.
* Used **Log4j** framework to log/track application.

**Environment: HTML, CSS, Bootstrap, AJAX, JavaScript, JSF 2.1, Angular JS, Spring Dependency Injection, Spring 3.x, Hibernate 3.x, Soap UI, Maven, SVN, JIRA, XML, Web sphere, SOAP web service, Kafka,** **Unix/Linux, Web Sphere Application Server, PL/SQL, Oracle 11g.**

**Client: Guide one Insurance, IA Duration: Aug 2013-Sept 2014**

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

**Description:** Guide one insurance is one of the largest property and casualty insurance company in the United States. it offers a wide range of insurance products and services this project was a web based development for the auto insurance consumers. New customer can receive the auto insurance quotes for their vehicles and existing customers have complete access to renew their subscription, manage their accounts, claim their insurance claims. They can completely manage their account online

**Responsibilities:**

* Worked on the development and testing of the infotainment module using **Agile (SCRUM)** methodologies.
* Used display tag to render large volumes of data. **Bean, HTML and Logic tags** are used to avoid java expressions.
* Worked on **RESTful** APIs for HTTP requests between client and server.
* Developed **Hibernate DAO** and **spring framework manager** classes to retrieve and save data from the database.
* Used **Hibernate** Detached Criteria, HQL and written some SQL queries for data retrieving.
* Used **Spring** framework to achieve loose coupling between the layers thus moving towards **Service Oriented Architecture** (SOA) exposed through **Restful** Services.
* Created and injected **spring** **services, controllers and DAOs** to achieve dependency injection by wiring objects.
* Used **Spring** Batch to design a lightweight and comprehensive solution to develop batch applications.
* Developed **RESTWeb Services clients** to consume those Web Services as well other **enterprise wide Web Services** and also worked on sharing WSDL’s of web services to clients.
* Used **XStream** API to transfer data back and forth between **Spring MVC** and **Ext JS**.
* Used **Spring MVC Transaction Management, Spring Batch Transactions, Hibernate cache concepts**.
* Developed and implemented Business Requirements using **Spring MVC framework**. Implemented cross-cutting concerns such as logging, authentication and system performance using **Spring AOP.**
* Created the User Interface screens using **Spring** MVC for logging into the system and performing various other operations on network elements and used View Resolver to map web pages.
* Experience in implementing custom monitoring system through **Splunk** into deployment processes.
* Implemented **RESTful** Web Services using **Spring MVC** and **JSON.**
* Developed strategies and supported tools to create an efficient automated integration and release using **Jenkins.**
* Analyze and resolve conflicts related to merging of source code for **GIT**.
* Expertise on Selenium Data Driven framework and integrating it with **Maven** [Build Management Tool], **TestNG** [Unit Testing tool] and **Jenkins** [Continuous Integration Tool].

**Environment: HTML, CSS, Bootstrap, AJAX, JavaScript, Angular JS, Spring Dependency Injection, Spring 3.x, Hibernate 3.x, Soap UI, Maven, SVN, JIRA, XML, Web sphere, SOAP web service, Unix/Linux, Web Sphere Application Server, PL/SQL, Oracle 11g.**

**Client: PepsiCo Inc, Chicago, IL**  **Duration:April2012 – July2013**

**Role**: **Java/J2EE Developer**

**Description:** Open System (Secondary Commerce application management) is an Web-application developed at Pepsico to maintain the on-line E-commerce for all the products within departments across the world (data and relationships between), where they sell all the goods online with vendor’s and consumers

**Responsibilities:**

* Involved in complete software development life cycle with object oriented approach of clients’ business process.
* Worked on designing and developing a complete service oriented system based on **SOA** principles and architecture in agile development environment.
* Employed **Agile Model** and best practices for software development.
* Developed the **Servlets** for processing the data on the server.
* Extensively worked on **JPA** as persistence layer, involving **EJB3.0 annotations**, synchronizing Data base tables through XML in a secondary project.
* Engaged in developing the UI by using **HTML, JSF, JQuery**, **and JavaScript** and in some places used **AJAX** to make calls to other services and Involved in developing the **CSS** sheets for the UI Components.
* Developed web based application using **spring** framework for MVC architecture.
* Setting up the basic project set-up from scratch of **Spring-Hibernate** App based on Design.
* Used **Spring Framework AOP Module** to implement **logging** in the application to know the application status.
* Used **Spring DAO Module** along with Struts Framework to deal with Database.
* Used **SVN** for version control.
* Worked on **Junit** for creating test cases for all the Business Rules and the application code.
* Called external vendor applications using **Web Services** for delivering notifications.

**Environment: HTML, JSF, JQuery**, **JavaScript**, **Servlets, Jboss, Spring 3.x, Hibernate 3.x, Spring mvc, Svn, Soa, Jax-Ws, Junit.**

**Client:Experian, Schaumburg, IL Duration: Nov 2010 – March2012**

**Role: Java Developer**

**Description:**  Experian is a global leader in providing information, analytical tools and marketing services to organizationsand consumers to help manage the risk and reward of commercial and financial decisions. Using our comprehensive understanding of individuals, markets and economies, we help organizations find, develop and manage customer relationships to make their business more profitable.

**Responsibilities:**

* Identified the Business requirements and Involved in preparing System Requirements for the project.
* Extensively worked with **CSS Background**, **CSS Layouts**, **CSS positioning**, **CSS text**, **CSS border**, **CSS margin, CSS padding, CSS table, Pseudo classes, Pseudo elements and CSS behaviors in CSS**.
* Involved in writing application level code to interact with **RESTful** Web **APIs** and used Web Services like **AJAX**, **JSON**, **XML** and **jQuery in the front-end development**.
* Designed dynamic and multi-browser compatible pages using **HTML**, **CSS**, **JQuery** and **JavaScript**.
* Developed the application layer using **HTML**, **CSS3**, **JavaScript**, **JQuery.**
* Used **XML Http Request** Object to provide asynchronous communication as part of **AJAX** implementation.
* Extensively used **MVC**, **Factory, Delegate** and **Singleton** design patterns.
* Used Spring Framework **AOP Module** to implement logging in the application to know the application status.
* **Spring MVCFramework IOC** design pattern is used to have relationships between application components. It is also used to separate the application configuration and dependency specification from actual application code.
* Provided installation, configuration & maintenance of pre-prod and production Cloud environments including services such as **Tomcat, Apache, Jetty, MySQL, and Jira**.
* Used **Spring Framework** for Dependency Injection and integrated it with the **Struts Framework**.
* Used the **Struts Validation** and **Tiles Framework** in the presentation layer.
* Implemented the application using Jakarta **Struts Framework**, which is based on **MVC design pattern**.
* Used **SOAP** for Web Services by exchanging **XML data** between applications over **HTTP.**
* Wrote **Ant Scripts** to automate the build and deploy process.

**Environment: Core Java/J2ee, Servlets, Jsp, Css, Jdbc, Ajax, Spring Aop Module, Ant Scripts, Javascript, Eclipse, Uml, Rational Rose, WebSphere Application Server 7.0, CVS, Junit, Ant, Adobe Flex.**

**Client: CMS Computers Ltd,New Delhi, India Duration: June 2009 – Oct 2010**

**Role: Java Software Developer**

**Description:** CMS Computers Ltd. started as Computer Maintenance and Services company. Today CMS Computers Limited operates as an IT solutions & amp; services company and is involved in technology solutions consulting and services for transport system, including road traffic automation and intelligent transport management.

**Responsibilities**:

* Developed rich user interface using **JavaScript, JSTL, CSS, JQuery and JSP’s.**
* Involved in the requirements gathering. Design, Development, Unit testing and Bug fixing
* Developed application using **Struts**, **Spring** and **Hibernate.**
* Developed custom tags for implementing logic in JSP’s.
* Used Java **script, JQuery, JSTL, CSS and Struts 2 tags** for developing the JSP’S.
* Used custom tags to display logic specific data in JSP'S.
* Involved in making release builds for deploying the application for test environments.
* Used Oracle database as backend database.
* Wrote **SQL** to update and create database tables.
* Used **Eclipse** as IDE.
* Used **SpringIOC** for injecting the beans.
* Used **Hibernate** for connecting to the database and mapping the entities by using hibernate annotations.
* Created **JUnit** test cases for unit testing application.
* Used **JUNIT** and **JMOCK** for unit testing.

**Environment: J2EE, Java, Struts, Tiles, JSP, JNDI, Clear Case, SOAP, WSDL, UDDI, JAXB, JAXP, XML Schema, (XST)EJB 2.0, ANT, JavaScript, JMS, Rational Rose, WSAD, DB2.**