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

**PROFESSIONAL SUMMARY:**

* Over **8 years** of experience in analysis, design, implementation and testing of Object Oriented Applications in Client/Server environments using **Java/J2EE** and front-end technology stack.
* Experience working with various **methodologies** based on **Agile, TDD**, **Waterfall Model** and **Iterations**.
* Experience in implementing Java EE design patterns such as **MVC,Singleton**, **Factory, Session Facade, DAO, DTO, Command** and Business Delegate in the development of Multi-Tier distributed Enterprise Applications.
* Used Java 8 **Streams**, **Functional Interface**, **Predicates**to make the application perform faster.
* Experienced in front End technologies such as **HTML 5, CSS 3, JQuery**, **JavaScript, ReactJs, NodeJS, Angular 1.x/2/4, EXTJS, BackboneJS, Bootstrap, AJAX, JSON,XSD, XSTL, Tiles, Tag Libraries.**
* Developed applications using latest technologies like **EJB3.0, Spring2.x/3.x/4.x, Hibernate3.2/4.x, and REST based Web services (axis2.0, JAX WS 2.0), Rule Engines (Drools4.1, ILOG), XML API and tools**.
* Experienced in **Spring Framework modules** such as **Spring MVC**, **Spring IoC**, **Spring Boot,Spring Cloud**, **Spring AOP**, **Spring Heroku**, **Spring Integration**, **Spring Security**, **Spring Netflix, Spring Zuul** with **Thyme leaf.**
* Experienced in **Middleware persistence framework** like **Hibernate/JPA, JDBC,** for mapping Java **POJO** classes/Objects with database and using **Hibernate Query Language (HQL)**.
* Experienced in building service-oriented solutions and **RESTful Microservices.**
* Experience in working with **Service Oriented Architecture(SOA)** which includes Universal Description and Discovery Integration (**UDDI**) lookups and **WSDL**, **JAX-WS** and **JAX-RS** using **rest** protocol.
* Experienced in **Amazon Web Services** like **EC2, S3, Elastic Beanstalk, ELB, VPC, Route53, SNS, SQS, Cloud Watch.**
* Experienced in working with multiple databases like **Oracle 10g/11g/12c**, **SQL Server**, **MySQL**, **DB2**, **NOSQL DB** like **Mongo DB, Cassandra** and written complex **SQL queries, procedures, Triggers** and **Stored procedures**.
* Experienced in application build tools like **Gradle**, **Maven**and**ANT.**
* Experience with **Docker** container management, **Kubernetes** and working with **Docker**-**Dockerhub**, **Dockerinspect**, **Dockercommit**.
* Experienced in unit testing using **Karma, Jasmine** and **JUnit,** Automated Testing **Selenium** (IDE/Web driver), Integration testing using **Selenium**, **Jenkins and Apache Camel.**
* Experience in debugging and logging using the log framework - **log4j** and analysis and reporting with **Splunk**.
* Experienced in development, testing and deployment of enterprise applications on **Windows, Linux,Unix**and **MAC**platforms using IDE's such as **Eclipse**, **NetBeans**, **Spring Tool Suite (STS) and intellij.**
* Experience in using version controlling/tracking systems **Subversion**, **CVS**, **SVN**, **GIT**, **and Rational Clear Case.**
* Having knowledge on (JMS) MQ's like **Kafka,Rabbit MQ**, **IBM MQ** and **Active MQ**.
* Experience in configuring and deploying the applications on **Tomcat**, **WebSphere**, **WebLogic** and **JBoss** Servers.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Languages** | Java 8.0/7.0/6.0/5.0, Java/J2EE, C, C++, JDBC, DTD, UML, Design Patterns, Shell Scripts, HTML, PHP, JavaScript, SQL and PL/SQL |
| **Frameworks** | Spring 4.x/3.x/2.x, Hibernate 4.0/3.0, Struts 1.x/2.0. |
| **Web Technologies** | HTML/XHTML/DHTML/HTML5, CSS/CSS3, Servlets, JSPs, EJB, JNDI, JMS, XML, XSLT, XSD, JSF, JQuery, Ajax, Angular 1.x/2/4/5, NodeJs, ReactJs, BackBoneJs, Bootstrap. |
| **Web/App Servers** | Apache Tomcat 5.x/6.x/7.x/8.x, IBM WebSphere, Web Logic 9.x/10.x/12.x, J-Boss 6.x/7. x. |
| **IDE’s** | Eclipse, NetBeans, Spring Tool suite 2.x/3.x, Intellij 14.x/15.x |
| **Relational Databases** | Oracle 11g, SQL Server, MySQL, DB2 |
| **NoSQL Databases** | Mongo DB and Cassandra |
| **Web Services** | AXIS, SOAP, RESTful, JAX-RPC, JAX-RS, JAX-WS, WSDL, JAX-P, JAX-B. |
| **Version Control** | JIRA, CVS, SVN, GitHub, Subversion and Clear Case |
| **Build Tool / plugin** | Maven 3.x, Gradle 3.x and ANT |
| **Testing** | Junit, Jasmine, Karma, Selenium, Protractor, SOAP UI. |
| **Operating Systems** | Windows, Unix, Linux and MAC. |

**Client:United Health Group(UHG), Eden Prairie, MN June 2016 to Present**

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

**Responsibilities:**

* Involved in Analysis, Design, Development, Testing and followed **Agile methodology** in the Scrum Cycle model.
* Implemented various design patterns like **MVC**, **Singleton**, **Factory pattern**.
* Have extensively used **Java8 Streams**, **Functional Interfaces**, **Lambdas**, **Predicates** and **Filters**.
* Designed and developed the UI using spring view components**HTML 5, CSS 3, Bootstrap,Angular 2 and Angular4**.
* Used **Angular Observables, Angular Components, Angular Directives andAngular Services.**
* Worked with JavaScript Frameworks like **Angular 4**to develop responsive **Single Page Application (SPA)**and Dynamic Web Applications using **MVCArchitecture**. Used **Angular** to Consume **RESTAPI** to make **Spring** calls.
* Using **EXTJS** developed interactive cross platform web application using **Ajax**, **DHTML** and **DOM** scripting technique.
* Used **NodeJS** for doing non-blocking design operation for server-side code.
* Used **Spring**framework including **Spring IoC**,**Spring MVC**, **Spring Eureka**,**Spring Boot**, **Spring Security**
* Implemented the authentication, authorization, and access-control features by using **Spring Security**.
* Employed **SpringBoot** for initialize & bootstrapping the build configuration for the boot based web applications.
* Implemented the **Model View Controller** (**MVC**) framework and worked on **Spring Quartz** functionality for scheduling tasks such as generating monthly reports for customers and sending those mails about different policies.
* Maintained, structured, and surveyed documents within the **NoSQLMongoDB** database, ensuring data integrity,correcting anomalies, and increasing the overall maintainability of the database.
* Implemented **CRUD** operations with **MongoDB** (**NoSQL**) to manage all the details of Customer.
* Used **Hibernate** interceptors to intercept the existing business functionality to provide extensible or add-onfeatures. Acquired application customization using **Hibernate** interceptors to required tasks at different stages.
* Used **Hibernate** framework for back end development and Spring dependency for middle layerdevelopment.
* Used **Hibernate** Transaction Management, Batch Transactions, and cache concepts.
* Developed **Microservices**to communicate using synchronous protocols **HTTP** and **REST** for implementing **SOA**.
* Used Micro service architecture with **SpringBoot** based services interacting through a combination of **REST** and **ApacheKafka** message brokers and worked with **KafkaCluster** using **ZooKeeper**.
* Developed **Microservices** using **Spring MVC, Spring Boot**, **Dependency Injection**.
* Developed **Microservices** with **Spring Eureka** to retrieve API routes and Implemented **Spring Circuit breaker** pattern, integrated **Hystrix** dashboard to monitor **SpringMicroservice**.
* Used **Java Architecture for XML Binding** (**JAXB**) for marshaling and un-marshaling java objects and XML.
* Used joins Stored procedures, views, Unions in **OracleDatabase** to fetch the data.
* Developed **REST** Web Services clients to consume those Web Services as well other enterprise wide Web Services.
* Created Stacks using Amazon Cloud Formation templates to launch **AWS** Infrastructure and resources.
* Used **AmazonCloudWatch** to monitor **AWS**services and **AmazonCloudWatchlogs** to monitor application.
* Designed and developed the framework to consume the web services hosted in **Amazon EC2**instances.
* Used **AWSLambda** to run the code in the **AWS (Amazon Web Services)** and deployed **Spring Boot** based micro services using **Docker** container services and using **AWS** admin console.
* Using **SwaggerUI** registered **micro services**, monitored service health check from **Spring Boot** admin console.
* Used **Drools** as a rule engine for categorizing every business rule based on the business needs.
* Responsible for Configuring **Kafka** Consumer and Producer metrics to visualize the **Kafka** System performance.
* Deployed the application on **Tomcat** application server in development and production environment.
* Developed new and updated existing Automation test cases using **SeleniumWebDriver**.
* Used **Jenkins** as a primary tool for implementing the **Continuous Integration & Delivery**(**CICD**) during code releases, worked with CICD pipe line tobuild and deploy transcoding application on **AWS**.
* Used **Gradle** as a build tool automating the building, testing, publishing and deployment
* Used **jUnit** for unit testing of the application and developed test cases for DAO and Service Layer methods.
* Used **Log4j** for logging and to capture the log that includes runtime exceptions.
* Used **Git** as version management, **JIRA** for defect management system.
* Worked with **Docker** for convenient environment setup for development and testing and Installed Ansible Registry for local upload and download of **Dockerimages** and even from **Dockerhub**
* Used **Kubernetes**to deploy scale, load balance and manage **Docker**containers with multiple name spaced versions.

**Environment:** Java 8.0, HTML 5.0, CSS3, JavaScript, Angular 2, Angular 4, Ajax, EXTJS, Spring 4, Spring IOC/MVC/Boot/Security/Eureka, Hibernate 4.2, Mongo DB,Microservices, Kafka, JAXB, Restful Services, XML,AWS, Swagger, Drools, Tomcat, SeleniumWebDriver, Jenkins, Gradle, Junit, log4j, Git, JIRA, Docker, Kubernetes.

**Client: Mutual of Omaha, Omaha, NE November 2014 to June 2016**

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

**Responsibilities:**

* Involved in Analysis, Design, Development, Testing and followed **Agile methodology** in the Scrum Cycle model.
* Implemented the application using **Design patterns** such as **Session Facade**, **Singleton**, and **Data Access Object**.
* Used **Multi-Threading** and concurrency and implemented threads while preparing and generating mails.
* Designed and developed the UI using spring components **HTML, CSS, Bootstrap, JavaScript, ReactJS and NodeJS**.
* Wrote client-Side code using **ReactJS** and used **NPM** and **gulp** directories to generate the server environments, used flux with redux framework to manage targeted URL’s and to monitor the application.
* Used **ReactJS** to implement rich functions in various pages: form validation, crud, grid list, search, sort, pagination, multi-selection, tags-input, advanced/custom directives, authentication, unit tests.
* Used various **BootStrap** components like accordion, date picker, alert, buttons, modal.
* All the functionality is implemented using **Spring IO / Spring Boot, Thyme leaf and Hibernate ORM**.
* Implemented Java EE components using **Spring MVC, IOC, Spring Cloud, Spring transactions and Spring security.**
* Worked on **Security-Systemdevelopment** for Web Applications. Integrated application with **Spring Security for form-based authentication and authorization** by used spring security JSP tags to provide UI level spring security.
* Implemented Dynamic job scheduling according to the business need (daily, weekly, monthly etc.) same using **Quartz scheduler** and developed**Spring Quartz** jobs to run the backend jobs and generated reports.
* Worked on **Oracle** database concepts such as locking, transactions, indexes, replication, schema design.
* Used **Hibernate**, **Object/Relational-MappingORM** solution, technique of mapping data representation from **MVC** model to **Oracle** Relational data model with a **SQL**-**based** schema.
* Implemented persistence layer using **Hibernate** that uses the **POJOs** to represent the persistence databases tuples.
* Used **Hibernate**mappings, relationships between tables and entity classes to access and updatein the database.
* Worked with**Pivotal Cloud Foundry (PCF)**to role-based access controls, applying and enforcing roles and permissions to ensure that users can only view and affect the spaces for which they have been granted access.
* Used **Docker** to virtualize deployment containers and push the code to Spring Cloud using PCF.
* Developed applications on **Spring Boot** using **Microservices** Architecture and Synchronous protocols.
* Implementing or exposing the **Micro services** to base on **RESTful API** utilizing **Spring Boot** with Spring MVC.
* **Enterprise level web applications were supported by building Spring based Java and Scala micro services.**
* Worked with **JAXB** 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 data marshalling as well as un-marshalling process.
* Deployed the application on **JBoss** application server in development and production environment.
* Developed new and updated existing Automation test cases using **TestNG**.
* Used **Maven** as a build tool automating the building, testing, publishing and deployment
* Used **Mockito**for unit testing of the application and **log4j** for logging.
* Used**CVS** as version management, **JIRA** for defect management system.
* Used continuous integration tool **Jenkins**for End to End automation for all build and deployments.
* Used **JMS** for reliable and asynchronous exchange of important information such as payment status report.

**Environment:** Java 7.0,JavaScript, HTML, CSS, ReactJS, NodeJS, Bootstrap, Spring 3, Hibernate 4.2, Microsercvices, Rest, Spring IO, Spring Boot, MVC, Spring Cloud, Oracle 11g,Pivotal Cloud Foundry, Docker,JBoss, TestNG, Maven, Mockito, log4j, CVS,JIRA, XML, Jenkins, JMS.

**Client: Walmart - Bentonville, AR May 2013 to November 2014**

**Role: Sr. Java/J2EE Developer**

**Responsibilities:**

* Focused on **Test Driven Development** thereby creating **JUnit** tests for every single piece of functionality.
* The application is designed using **J2EE design patterns** and technologies based on **MVC** architecture.
* Used **J2EEdesign** patters like value object pattern, **Session facade, Singleton, Factory** and **DAO**.
* Used **Multi-Threading** and concurrency and implemented threads while preparing and generating mails.
* Developed UI application modules using **HTML**, **CSS** and **JavaScript, AngularJS, JSON, jQuery** and **AJAX**.
* Implemented and developed UI components using **Angular JS** featureslike **dependency Injection, Models, data binding and controllers** anddeveloped test cases for **Angular JS using karma and grunt**.
* Developed Interactive web pages using **HTML, CSS and JavaScript and** developed various screens for the front end using **Angular JS** and used various predefined components from **NPM** (Node Package Manager).
* Responsible for validation of Client Interface **HTML** pages using **JavaScript** and **JQuery**.
* Responsible for building scalable distributed data solutions using **Cassandra**.
* Imported data from various resources to the **Cassandra** cluster using Java APIs.
* Used **XML Web Services** using **SOAP** to register agents using non –java applications.
* Developed reusable services and interoperable, based on **SOAP, WSDL, JAX-WS and Web Service**s.
* Used **JMS** for the asynchronous exchange of critical data and events among J2EE components.
* Continuous integration services are provided for software development using **JENKINS.**
* Utilized OOPS concept in Java Script and DOM structure to implement various functionalities.
* **Point-To-Point** method of **JMS** was used for event processing.
* Developed **Junit test cases** for DAO and Service Layer methods.
* Used **SVN** for version control of the application.
* Regression test cases were written and automated using **SeleniumRC**.
* Used **Maven** to build **Java code** for applications. Converted and automated builds using **Maven**. Scheduled automated nightly builds using **Jenkins**.

**Environment:** Core Java, J2EE, JavaScript, Spring, OOAD, HTML, CSS, JavaScript, AngularJS,Node JS, AJAX, JMS, XML, Design Patterns, Jenkins, Soap, WebLogic Application Server 10.X, Hibernate 3.0, Log4J, SVN, JUNIT, Selenium RCand Maven.

**Client: AT&T SERVICES INC, Dallas, TX February 2012 to May 2013**

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

**Responsibilities:**

* Worked on **Agile** Scrum development lifecycle with 2-week sprints, fast-paced deadlines to implement new features. Involved in **SDLC** and moving project from one stage to another such as testing, UAT and production.
* Built Rich Prototypes and Applications using **HTML, CSS, JavaScript, JQuery, Ajax, JSON, Ruby and rails, Bootstrap.**
* Used **Spring** Framework for **dependency injection, integration** of **Hibernate** using **Spring ORM support,** development of **RESTful web services** to give **JSON** output**.**
* Configured **Spring MVC** from scratch using **XML configurations, namespace handling, spring security** setup by giving access to resources.Used the concepts of **Internationalization and Localization** using Spring.
* Used **Hibernatepersistence layer**, **mappings using Annotations, HQL, Criteria** and **Named Queries.**
* Involved in Design and Development **of RESTful API.REST web services** are created using spring with **Jackson Mappers** to exchange data using **JSON data structure.**
* Used **PL/SQL** stored procedures for applications that needed to execute as part of a scheduling mechanisms.
* Experience in Micro services development using spring boot and deployment in Pivotal Cloud Foundry.
* Used **SVN** for source Version Control, resolving code conflicts and merging code base**.**
* Used **Maven** for dependency management, build applications and deploy to the containers, application servers.
* Deployed the application in **WebLogic Application Server.**

**Environment:** Core Java, Java 1.6, Spring, Mongo DB, Hibernate, SVN, Apache, Eclipse 3.3, JSP, JNDI, Log4j, JUnit, XML, XSD, JQuery, bootstrap, JavaScript, WebLogic Application Server, Apache Tomcat 6.0, Oracle, Windows XP, REST API, NetBeans, UNIX, MySQL.

**Client: Intermountain Healthcare (IHC), Salt Lake City, Utah                                                   October 2010 to February 2012**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in requirements gathering and analysis from the existing system. Captured requirements using Use Cases and Sequence Diagrams.
* Developed the application using **Struts, Servlets**and **JSP**for the presentation layer along with JavaScript for the client-side validations.
* Worked with **Struts** (MVC Paradigm) components such as Action Mapping, Action class, Dispatch action class, Action Form bean.
* Used core java to design application modules, base classes and utility classes.
* Implemented DAO layer using **Hibernate** and wrote queries for persisting demand core banking related information from the backend system using Query tool.
* Implemented Multi-threaded/Concurrent mechanisms for improve the performance.
* Developed web based presentation using **JSP** and Servlet technologies and implemented MVC pattern using **STRUTS** framework.
* Set up the development environment in **WebSphere** Application Developer(WSAD).
* Used **Ajax** to communicate with the server to get the asynchronous response.
* Developed a code for Web services using **XML, SOAP**and used **SOAP** UI tool for testing the services.
* Involved in the development of **SOAP** and WSDL files for the web services interacting with business Logic.
* Used **JAX-RPC**Web Services using **SOAP** to process the application for the customer.
* Involved in planning process of iterations under the **Agile Scrum** methodology.
* Used **Log4J**for logging the user events.
* Used **JUnit** for unit testing and **Continuum** for integration testing.

**Environment:** HTML, CSS, jQuery, AJAX, JSP, UNIX Shell Scripts, SOAP web services, JUnit, WebSphere, Multi-threading, Core Java.

**Client: Info Vision Tech, Hyderabad, India June 2009 to Aug 2010**

**Role: Java Developer**

**Responsibilities**:

Analyze the requirements based on business data and user requirements.

* Created user-friendly GUI interface and Web pages using **HTML**, **JQuery** and **Javascript**.
* Implemented the modules using **Model**-**View**- **Controller** (**MVC**) design pattern.
* Develop GUI related changes using **JSP**, **HTML** and client validations using **Javascript**.
* Developed Java beans, helper classes and **Servlets** for interacting with UI written in **JSP**.
* Wrote a **controllerServlet** that dispatched requests to appropriate classes.
* Developed Dispatch **Action classes** to define several business methods.
* Developed value object mainly used to wrap the data and pass across the layers.
* Developed business logic using Stateless session beans for calculating asset depreciation on Straight line andwritten down value approaches.
* Created tables, views, Types, triggers, complex join queries, stored procedures, and functions and modificationsto existing **database** structure as required for addition of new features.
* Designed **databaseQueries** for updating, insertion and retrieval of asset information and rates.
* Involved coding **SQLQueries, Stored Procedures and Triggers**.
* Involved in Designing the Database Schema and writing the **complex SQL queries**.
* Created java classes to communicate with database using **JDBC**.
* Accessed stored procedures and functions using **JDBCCallablestatements**.
* Involved in unit **testing, troubleshooting and debugging**. Modifying existing programs with enhancements.
* Involved in fixing bugs the bugs or defects in the application.

**Environment**: Java 1.4, Servlets, JSP, EJB, J2EE 1.4, STRUTS, XML, XSLT, Java Script, Oracle 8i, SQL, PL/SQL, Ms Visio,

Eclipse, JDBC, Win CVS, Windows 2003 Server.