* Over **8 years** of solid work experience in Software Industry analysis, design, implementation and testing of Object Oriented Applications in Client/Server environments using **Java/J2EE** and front-end technology stack.
* Good working knowledge of Extreme Programming using **Agile**, **Waterfall** methodology with **Iterative and Incremental** software development.
* Proficient in applying 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, Spring Eureka, Spring Ribbon, Spring JDBC, Spring JTA**
* Experienced using **Hibernate/JPA Middleware persistence framework** for mapping Java **POJO** classes/Objects with database, 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.
* Proficient in using Amazon Web Services **AWS**. Extensive experience in focusing on services like **VPC**, **CloudWatch**, **CloudFront**, **IAM**, **Amazon RDS**, **ElastiCache**, **EC2, S3, Elastic Beanstalk, ELB, Route53, SNS, SQS.**
* Experienced in developing complex **PL/SQL** queries, procedures, Triggers, Stored Procedures, Packages and Views in various databases such as **Oracle10g/11g/12c**, **DB2** and **My SQL,SQL Server**.
* Strong experience with MongoDB development (reports, schema design, map reduce functions) and migrations from **SQL** relational databases to **NoSQL** databases like **MongoDB**, **Cassandra** and **CouchDB.**
* Hands on experience with build tools like **Ant**, **Maven, Gradle**.
* Experience with **Docker** container management, **Kubernetes** and working with **Docker**-**Docker hub**, **Docker inspect**, **Docker commit.**
* Experience with test-driven development using a various unit testing framework such as **JUnit**, **Mockito** and **JMeter,** **Easy Mock, Spring Junit Runner.**
* Expertise in several testing environments like **JUnit, Selenium, CURL, Jenkins, SoapUI and System Testing.**
* Experience in debugging and logging using the log framework **- log4j** and analysis and reporting with **Splunk**.
* Having knowledge on (JMS) MQ's like **Kafka, Rabbit MQ**, **IBM MQ** and **Active MQ**.
* 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**
* Experience in configuring and deploying the applications on **Tomcat**, **WebSphere**, **WebLogic** and **JBoss** Servers.

|  |  |
| --- | --- |
| **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. |

**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 and Angular 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**,**SpringMVC**, **SpringEureka**,**Spring Boot**, **Spring Security**
* Implemented 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-on features. Acquired application customization using **Hibernate** interceptors to required tasks at different stages.
* Used **Hibernate** framework for back end development and Spring dependency for middle layer development.
* 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 **Apache Kafka** message brokers and worked with **Kafka Cluster** 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 **Spring Microservice**.
* Used **Java Architecture for XML Binding** (**JAXB**) for marshaling and un-marshaling java objects and XML.
* Used joins Stored procedures, views, Unions in **Oracle Database** 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 **Swagger** 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 to build 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 **Docker images** and even from **Docker hub**
* 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, MongoDB,Microservices, Kafka, JAXB, Restful Services, XML,AWS, Swagger, Drools, Tomcat, SeleniumWebDriver, Jenkins, Gradle, Junit, log4j,Git,JIRA,Kubernetes

**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**.
* Developing and editing user Interface Screens using **JSP, HTML5.0, JavaScript and Nodejs**.
* Improve presentation of webpages **CSS 3.0, Adobe Flash and JQuery plug - INS**.
* Creating custom, general use **modules and components**, which extend the elements and modules of core **AngularJS**.
* Used **Twitter Bootstrap** to create responsive web pages, which can displayed properly in different screen sizes.
* Developed the applications using **Java, J2EE, Struts, JDBC**
* Developed **Struts Action classes** using Struts controller component.
* Created **struts form beans, action classes**, JSPs **following Struts framework standards**.
* Used **Jackson** which is a **JSON** processor for both generation and parsing of JSON representations of Java objects
* Used display tag libraries for decoration and used display table for reports and grid designs.
* Worked on core java, using file operations to read system file (downloads) and to present on **JSP**.
* Involved in the development of underwriting process, which involves communications without side systems using **IBM MQ and JMS**.
* Used **IBM Operational Decision Manager** to designing a rule project and deploying rules to a runtime environment.
* Developed enterprise reference architecture, **SOA & Cloud strategy** in a **SaaS** driven enterprise business model.
* Used **PL/SQL** stored procedures for applications that needed to execute as part of a scheduling mechanisms.
* Developed and debugged the **Servlets with JOBSS**.
* Implemented the application using design patterns such as **Session Façade, Business Delegate, Adaptor, Bean Factory and Singleton.**
* Used **ReactJS** to create views to hook up models to the DOM and synchronize data with server as a **Single Page Application** (SPA).
* Developed and implemented **Swing, spring and J2EE based MVC (Model-View-Controller) framework** for the application.
* Developed applications to asses **JSON** and **XML** from Restful web services from consumer side using **ReactJS**.
* Designing and implementing scalable, **RESTful and microservices** based mobile back-end. The back-end is being written in Java using **Spring Boot** for simplicity and scalability.
* Used **Spring JDBC** to retrieve the data and represented the data in the form of tree which has seven hierarchies and implemented drag and drop functionality to it.
* Implemented pre-authentication and data base security using **spring security**.
* Used **Apache Camel** for messaging technology glue with routing. It joins together messaging start and end points allowing the transference of messages from different sources to different destinations.
* 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.
* Used **SAX XML API** to parse the XML and populate the values for a bean.
* Used **Jasper** to generate rich content reports.
* Implemented persistence layer using **Spring JDBC** that use the POJOs to represent the persistence database tuples. These POJOs are serialized Java Classes that would not have the business processes.
* Assisted in planning, installation and execution of new **JRules ILOG server, application server** and **Team server** and developed designs and strategies for business rules and address problems including configuration of ILOG Rules.
* Involved in building a **scalable email system** using amazon simple email service, s3 for handling heavy loads.
* Worked on **Pivotal Cloud Foundry** to host **Cloud based Applications**.
* Experience in re-architecting monolithic architecture service into **micro services based** architecture using spring boot and **pivotal cloud foundry**.
* Worked on **Mongo DB** concepts such as **locking, transactions, indexes, replications, schema design**.
* Implemented multiple high-performance **Mongo DB** replica set.
* **Apache Ant** was used for the entire build process.
* Used **Mockito** for unit tests development of **Test-driven Development (TDD).**
* Deployed the application in **JBOSS** production server running in **Linux platform**.
* Used **log4j** for logging errors in the application.
* Involved in **JAD** sessions to gather requirements from the end clients.
* Used **GIT** as version management, **JIRA** for defect management system
* Involved in **unit testing, troubleshooting** and **debugging**. Modifying existing programs with enhancements.
* Involved in **fixing bugs** the bugs or defects in the application.
* Successfully executing **offshore modeling** by effective and on time knowledge sharing with offshore project groups through weekly team meetings and daily status update calls.
* Worked as the part of a core team to monitor and enhance the performance of the application.
* Provide guidance and direction to team members in their day-to-day activities.

**Environment**: EJB3.0, Spring, JSP1.2, Servlets2.1, Jasper reports, JMS, IBM MQ, XML, REST,JDBC, JavaScript, XSLT, XML, UML, HTML, JNDI, Python, SaaS, Apache Camel, Jackson, Spring Boot, JBoss 6.x, ClearCase, Drools, Log4J, ANT, JUnit, Mockito, MongoDB, Eclipse, Pivotal Cloud Foundry.

**Responsibilities:**

* Focused on **Test Driven Development** thereby creating **JUnit** tests for every single piece of functionality.
* The application is designed using **J2EE designpatterns** 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** features like **dependency Injection, Models, data binding and controllers** and developed 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, SeleniumRC Maven.

**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**.
* Developed the applications using **Java, J2EE, Struts, JDBC**
* Worked on various use cases in development using Struts and testing the functionalities.
* Involved in preparing the High Level and Detail level design of the system using **J2EE**.
* Created **struts form beans, action classes, JSPs** following **Struts framework standards**.
* Implemented the database connectivity using **JDBC** with **Oracle 9i** database as backend.
* Involved in the development of model, library, struts and form classes (**MVC**).
* Used display tag libraries for decoration and used display table for reports and grid designs.
* Designed and developed file upload and file download features using jdbc with Oracle Blob.
* Worked on core java, using file operations to read system file (downloads) and to present on **JSP**.
* Involved in the development of underwriting process, which involves communications without side systems using **IBM MQ** and **JMS**.
* Used **PL/SQL** stored procedures for applications that needed to execute as part of a scheduling mechanisms.
* Designed and developed Application based on **Struts Framework** using **MVC design pattern**.
* Developed **Struts Action classes** using **Struts controller component**.
* Developed **SOAP** based **XML web services**.
* Used **SAX XML API** to parse the **XML** and populate the values for a bean.
* Used Jasper to generate rich content reports.
* Developed **XML** applications using **XSLT** transformations.
* Created **XML** document using **STAX XML API** to pass the XML structure to Web Services.
* **Apache Ant** was used for the **entire build process**.
* Used **Rational Clear Case** for **version control** and **JUnit for unit testing**.
* Used **quartz scheduler** to process or **trigger the applications on a daily basis**.
* Configured **WebSphere Application** server and deployed the web components.
* Provided **troubleshooting** and error **handling support** in multiple projects.

**Environment**: Flex, EJB, Struts, spring, JSP1.2, Servlets2.1, Jasper reports, JMS, IBM MQ, XML, SOAP, UDDI, WSDL, JDBC, JavaScript, XSLT, XML, UML, HTML, JNDI, Rational Rose 98, Oracle 9i, IBM Websphere 6.0, ClearCase, Log4J, ANT, JUnit, IBM RAD, and Apache Tomcat.

**Responsibilities:**

* Gathered user **requirements and specifications**.
* Developed the entire application on Eclipse IDE.
* Developed and programmed the required classes in Java to support the User account module.
* Used **HTML, JSP** and **JavaScript** for designing the **frontend** user interface.
* Implemented **error checking/validation** on the **Java Server Pages** using JavaScript.
* Developed **Servlets** to handle the requests, perform **server side validation** and generate result for user.
* Used **JDBC** interface **to connect to database**.
* Used **SQL** to access data from Microsoft SQL Server database.
* **Performed User Acceptance Test**.
* Deployed and tested the web application on **WebLogic application server**.
* Used JUnit testing tool to test the code.
* Developed and flexible, scalable, utilizing open source technologies like **Hibernate ORM and Spring Framework.**
* Actively participated in the complete life cycle of development, from the design phase to implementation Phase.

**Environment**: JDK 1.4, Servlet 2.3, JSP 1.2, JavaScript, HTML, JDBC 2.1, SQL, Microsoft SQL Server, UNIX and BEA WebLogic Application Server.

**Responsibilities:**

* Involved in various phases of **Software Development Life Cycle (SDLC).**
* Used Rational Rose for the **Use Case Diagrams, Object Diagrams, Class Diagrams and Sequence Diagrams** to represent the detailed design phase.
* Created **Servlets** which route submittals to appropriate Enterprise Java Bean (EJB) components and render retrieved information.
* Developed Session Beans to process requests from the user and used entity beans to retrieve and update customer information.
* Involved in writing the **exception** and validation classes using **Struts validation rules**.
* Developed various **EJB components** to fulfill the business functionality.
* Implemented the **Email module**, which included setting up **JMS message queue**, designing and developing email client which sent Java messages to the message queue, designing and developing message driven beans that consumed the messages from the queue and sent emails using contents from the message.
* **Used Apache Axis for consuming Web Services**.
* Used **WebSphere Application Server** for deploying various components of application.
* Persistence layer was implemented using **Hibernate Framework**.
* Front-end is designed by using **HTML, CSS, JSP, Servlets, JSTL, Ajax and Struts**.
* Involved in developing the **CSS sheets** for the UI Components.
* Used **JavaScript** for the **web page validation.**
* Used **XML** with **SAX parser** to transfer data between applications.
* Written **ANT** scripts for building application artifacts.
* Monitored the **error logs** using **Log4J** and fixing the problems.
* Wrote **PL/SQL stored procedures, Prepared statement** and used API.
* Involved in writing and **executing stored procedures**, **functions and triggers** for Oracle to create a Database Management System.
* Used **JUnit** for unit testing.
* Created **Unit, Acceptance and Integration Test Documents** and Code Review Documents.

**Environment**: J2EE, Java SDK, XML, SAX, JSP, JMS, HTML, JavaScript, Struts, Hibernate, Servlets, Eclipse, Web Services, JUnit, Unix, Ajax, EJB, RMI, JNI, WebSphere Application Server, ANT, CVS, Oracle 10g.