# Objectives

# Involve myself in developing web application on JAVA/J2EE platform utilizing my knowledge, skill sets and work experience in object-oriented fashion, enhance my technical expertise as well as getting involved in a team environment to meet challenges and milestones for the organization.

# Background

* Over 5 years of experience in Developing the Enterprise Web applications on n-tier Architecture using Java, J2EE, Spring, Struts 2.x, JDBC, EJB, SOAP and Rest Web services, XML and front end like AngularJS, Ajax, Node JS, JavaScript, bootstrap, HTML.
* Hands on experiences on data streaming services like Kafka.
* Experienced in design and connectivity of the database in DB2, sql, Oracle and NoSQL database mongo DB.
* Experience with popular React.js workflows such as Flux and Redux.
* Strong knowledge of Node.js and frameworks available for it such as Express, Strong Loop, etc.
* Strong knowledge with RESTful APIs and of modern authorization mechanisms, such as JSON.
* Extensive knowledge in using Aspect Oriented Programming (AOP), Object Oriented Programming (OOP) and Object-Oriented Analysis and Design (OOAD).
* Involved in different levels of Software Development Life Cycle (SDLC) such as Requirement analysis, Design, Development, Testing, Debugging, Deployment and Future upgrade support service phases.
* Strong hands-on experience with Spring MVC Controllers, Spring Annotations, Spring Tag Library, Inversion of Control (IOC), Spring Boot, Spring DAO, Spring ORM (Hibernate)
* Good understanding of Business workflow and Business logic in a distributed application environment.
* Extensive experience in enhancing the security of an Application using different tools like RSA Clear Trust.
* Extensive Experience in creation and understanding of Business Diagram including Class Diagram, Entity Relationship Diagrams (ER Diagram), Sequence Diagram and Work Flow Diagram.
* Extensive knowledge of J2EE design patterns such as Singleton, Business Delegate, Business interface, Observer, Abstract Factory, Template Method, Data Access Objects, Value Objects, Business Objects, Model View Controller and MVC2.
* Extensive Experience in Agile Methodologies such Scrum.
* Hands on Experience of BDD (Behavior Driven Development) with cucumber as a tool.
* Hands on Experience of usage of CSS in managing the front view of the Application.
* Extensive experience in developing MVC web applications using Struts, Spring DAO, Hibernate.
* Experience in developing UNIX shell scripts for automating deployment of applications.
* Experience in using different Application Servers like IBM WebSphere, BEA WebLogic, Sun One Application Server, JBOSS, and Web Servers like HTTP Server, Apache Tomcat.
* Experience in Developing, Integrating, and configuring the web applications using different frameworks such as JSF, Spring Framework, Ajax and Struts.
* Extensive experience in the implementation of Web services to interact with the other Enterprise Systems.
* Good Understanding the nature of asynchronous programming and its quirks and workarounds.
* Hands on Experience in dealing with the WebSphere MQ and JMail Implementation and troubleshooting.
* Hands on experience using different IDEs such as IBM Rational Application Developer (RAD 7), Eclipse, Red Hat Development Studio, WSAD, Net Beans, JDeveloper, and IntelliJ IDEA
* Good Understanding of Architectural Pattern such as Service Oriented Architecture (SOA), Model Driven Architecture (MDA) and Client/Server Architecture.
* Good communication, interpersonal and learning skills with strong presentation skills, and ability to interact with people at all levels.
* Worked extensively on operating systems such as Windows and flavors of Unix operating systems.

# Technical Skills

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| J2EE Common Services APIs / Front End Technologies | JDBC, JPA, Hibernate, AJAX, Angular JS, Angular 2/4, NodeJs, JSON, backbone JS, Java Mail |
| Framework / APIs / Tools | Springs, JUnit, JSF, Maven, Log 4j, Ant, Web Services (WSDL, SOAP, REST), Hibernate |
| Methodologies | Waterfall, Agile |
| Web Server | Apache Tomcat, Jetty, HTTP Server, WebLogic, WebSphere. |
| Languages: | Java 1.7/1.8, SQL, PL/SQL, C, Bootstrap, JDBC |
| Versioning Tools | CVS, PVCS, GIT, Tortoise SVN. |
| Software/Tools | Eclipse, IntelliJ IDEA, Red Hat Development Studio, |
| Operating Systems | UNIX, Windows, DOS. |
| Middle Ware | Kafka, JMS |
| XML | XML Schema, XSL, DOM, XSLT, SAX and Designing DTDs. |
| Web Technologies | HTML, CSS 3, jQuery, XML, XSD, JSP, backbone.js, DTD, Node JS |
| Web Applications | J2EE, Servlet, Spring 4.x (Core, AOP, MVC, Web), Hibernate 3.x, XML, JSP |
| Databases | MongoDb, SQL, Oracle 8i/9i/10g/11g, MS Access |
| Web Tools/IDE | Intellij 18, Eclipse 4.3.0, Eclipse 3.1, STS |

# Professional Experience

## Cigna - Express Script, Saint Louis

March 2018 – Present

Java/J2EE Developer

**Project Description: -**

Express Scripts Holding Company is an American Fortune 100 company. As of 2018, the company is the 25th-largest in the United States by total revenue as well as the largest pharmacy benefit management (PBM) organization in the United States. The company has been a subsidiary of Cigna. This product is an inhouse project intended to be used by Express script employees. The product is a microservice based architecture designed to be loosely coupled, independently deployable and organized around business capabilities. The product helps employees and customers to track down the prescription dispensed, prescribed and shipped.

**Responsibilities:**

* Involved in gathering requirements, designing, development, testing and Maintenance phases
* Used Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST API’s and Spring Boot for micro-services.
* Used Jenkins as a CI/CD pipeline tool for getting software from version control right through to the users and customers. Involved in writing up a Jenkins script for a product to pickup changes from GIT following with a build and finally deployed to PCF environment.
* Used PCF (Pivotal cloud foundry) for the management, and continuous delivery of applications, containers, and functions.
* Wrote SQL queries, stored procedures and enhanced performance by running explain plans.
* Worked on agile methodologies of scrum framework. Involved in creating a user stories with scrum master, and retrospective meetings at the beginning of the spring iteration.
* Experience in integrating of NoSQL databases MongoDB 4.0. Worked on creating different type of indexes based on different collections to get good performance in MongoDB.
* As part of transforming Legacy application to the microservices, designed and implemented a Kafka based transformer application for streaming data from legacy db2 database to entity mongo DB database.
* Used Kafka cloud stream and apache Kafka for designing transformer application
* Used SASL/Kerberos during configuring secure Kafka topics which requires client authentication using Kerberos client certificates, so that Kafka brokers know who is making each request.
* Implemented the concept of retry and error topics, to make sure the topics messages are processed for n number of times before putting it into the error queue.
* Interacted with internal API’s to the ESI and external API’s to the ESI.
* Used OAUTH security framework for securing access to REST APIs.
* Designed and used the authZ for implementing fine grained security which restricts to filter out the resources only specific to the user.
* Used swagger UI to render the documentation for API using open API specification.
* Used citrus framework on cucumber for BDD and Junit for functional testing.
* Used Spring MVC to handle the user requests and used various controllers to delegate the request flow to backend tier of the application
* Responsible for building a single-page application using the AngularJS development framework.
* Designed and implemented the concept of Test harness application for BDD on the kafka perspective, verifying the messages by producing and consuming topics messages.
* Designed and developed J2EE application module using Struts Framework in UNIX.
* Designed and implemented Data validator application for validating data on field level between legacy database and entity mongo Db.
* Used watchmakers to send the metrics and Grafana for visually analyzing the metrics collected.
* Expertise in implementing Restful web services to integrate with various other modules of the application to provide the business service using spring boot.
* Used custom repository for interacting with the Database for application backend implementation.
* Worked on slf4j implementation to track errors and debug the modular functionalities.
* Responsible for writing extensive documentation (Requirements, Design, Test, Delivery) for the application.

**Environment:**

Java 8, Spring Boot 2.x, Rest Web services, sql, Mongo DB 4, Json, Intellij Idea, PCF, Kafka cloud streams, cucumber citrus, Robomongo, Postman, SoapUI, Kafka UI tool.

## Merrill Lynch Travel Expense Monitoring System, TX

June 2016 – Feb 2018

Java/J2EE Developer

**Project Description: -**

Merrill Lynch is one of the leading financial management and advisory companies with offices in 35 countries and private client assets of approximately $1.5 trillion. Designed and developed a web-based travel expense system. This product is intended to be used by employees to allow them to set and report business travel expenses so that Merrill Lynch can manage its travel budget.

**Responsibilities:**

* Actively involved in gathering requirements from the users followed by analysis and design of the system to meet the requirements.
* Design and develop interactive prototypes and mockups using HTML5, CSS3 and jQuery for future enhancements of the website then implemented them on the live web platform
* Design Use cases and class diagrams using Rational Rose as a UML modeling tool
* Development of component’s application using Java, JSP, Directives, Expressions, JavaScript and DHTML
* Integration of user-facing elements developed by front-end developers with server-side logic
* Expertise in implementing Restful web services to integrate with various other modules of the application to provide the business service using spring boot.
* Written queries, stored procedures and functions using SQL, PL/SQL in Oracle.
* Develop Java Servlets as access/task controller and Java Beans wrapper components to implement business logic.
* Designed and developed Login/Logout module using JSP, and struts to authenticate the access level for the users.
* Used Hibernate framework for interacting with the Database for application backend implementation.
* Developed and enhanced some GUI interface using Swing API
* Created the tiles definition and validation files for the struts framework.
* Developed internationalized JSP pages using resource bundles as well as Struts framework for the presentation tier and for Action Servlets.
* Developed JSPs and custom tags for the front-end screens.
* Modularized front-end CSS and JS code.
* Worked on Log4j implementation to track errors and debug the modular functionalities.
* Integrated the Java code (API) in JSP pages and responsible for setting up Angular framework for UI development. Developed html views with HTML5, CSS3, bootstrap and Angular.
* Responsible for writing XML files, which are transformed into XSL for the front-end screens.
* Used J2EE design patterns such as Session Façade pattern, and DAO in the architecture extensively.
* Provided expert direction in the development of J2EE-based software architecture
* Responsible for writing extensive documentation (Requirements, Design, Test, Delivery) for the application.
* Used Tag library experience (JSTL).
* Maintained PL/SQL Stored procedures for the JDBC calls. Used Stored Procedure builder for this.
* Worked on Spring MVC for implementing Client application services with RESTful Web services.

**Environment:**

Java 8, JSP 2.3, Java EE 7, JSTL 1.2, Design Patterns Struts 2.5, Angular 2/4, Spring Boot, Rest Web services, Hibernate 4.3, JDK 1.8, XML, WebLogic 12.1.2, Eclipse, UML, HTML5, JavaScript, SQL Server, Mercury Test Director, UNIX,

## Reliable Life Insurance Company, TX

Feb 2015 - June 2016

Java/J2EE Developer

**Project Description: -**

Reliable Life Insurance is one of the top insurance companies in the US dealing primarily in Life, Health and Annuities product. Institutional Business needs to have a consolidated view of payments made to brokers/brokerages with respect to different products/coverage/market segments to enable the business to scrutinize and trace these payments for compliance, regulatory and audit issues. This phased effort is directed towards building a Data Mart which provides compensation (commission & admin fees payment) premium and financial related information to the senior management of MetLife as compensation reports. The initial phase had begun the development of a long-term infrastructure and process for end- to-end reporting that is accurate, timely and consistent across Institutional Business.

**Responsibilities:**

* As a Sr. Java developer, participated in project planning with business analysts and team to analyze business IT needs and translating into working model.
* Gathering specification, designing the system, development, testing and implementing the system. Collecting the requirements from end users.
* Preparing the Detailed Design Documents, which contains the Class and Object Diagrams and Sequence Diagrams for the complex use cases.
* Implementing Agile development processes on Software Development life cycle.
* Development of JSP's as a part of presentation layer and custom Servlets as controller as a part of JSF based architecture
* Hands on experience in configuring JSF with Spring web application
* Developing Spring based applications in an Extreme Programming environment.
* Implemented JSF MVC framework in the MVC layer, and Spring in the Business Object (BO) and DAO layers.
* Develop TIBCO BW interfaces, Configuring TIBCO ADB Adapters.
* Worked on GIT hub as a repository for software configuration management, version control.
* Wrote the managed bean and the navigation rules in the controller as a part of managing and directing JSF.
* Designing/developing the User Interface to create web service clients, to track the history of web service client using Spring, JSTL, Tiles, HTML, CSS and DHTML.
* Used various components of Java swing like JFrame, JTable, JTree, JDialog etc.
* Implemented code according to coding standards and Created Angular Controller, which isolate scopes perform operations.
* Developed custom directives and Services in Angular.
* Created various charts, graphs and reports with using swing UI
* Implementing the saving of definitions and dynamic population of data using AJAX.
* Creating and hosting web services for data exchange of different systems.
* Developing the web interface using MVC design pattern with Spring framework and spring boot.
* Worked with Java Swing to design and develop User Interface.
* Developed Business Models Then Designed, and developed multiple SOA Oriented processes.
* Modified, upgraded, and integrated other existing SOA processes.
* Writing business logic components to call middleware services components and present the data in front-end.
* Developed commonly used client-side validation using Java script
* Performed debugging using WSAD built in debugger and detected performance bottle necks and fixed the same.
* Developed build script using MAVEN to build, package, test and deploy application in WebSphere server.
* Used clear case for version controlling management.
* Involved in writing the XSL files to transform the user defined GUI Component data to render view.
* Prepared and updated the build scripts using Maven Tool.

**Environment:**

Java 8, Java EE 7, JavaScript ECMAScript 6, JSP 2.3, Servlets 3.1, AWT, Swing, Angular 2, Spring boot, JSF 2.2, Spring 4.2.1, SOAP 1.2, SOA 12., XML, XSLT, Perl, Log4j, AJAX, HTML 5, CSS, Rational Rose, Junit 4.12, Maven 3.3.1, Tibco BW, WebSphere Server 8.5.5, MySQL 5.6, Scrum (Agile) Methodology, Eclipse, UNIX, Windows.

# Education

## Bachelor of computer science.

# References

Provided upon the request.