**Suman M  
Java Developer**

**(720) 598-8780** **msuman7546@gmail.com**

**PROFESSIONAL SUMMARY:**

Over 9+ years of experience in analysis, design, implementation, and testing of Object-Oriented Applications in Client/Server environments using Java/J2EE.

* Experienced in Java Web-based, Desktop Based Development with Concepts of, **Object-Oriented Design (OOD), Object-Oriented Analysis (OOA), Object-Oriented Programming (OOP**) and its implementation.
* Experience working with various Software Development Life Cycle (SDLC) methodologies based on **Agile, Scrum, Waterfall Model, Iteration.**
* Expertise in design and development of various web and enterprise-level applications using Java/J2EE technologies Such as **Spring, Hibernate, Strut’s framework, EJB, Servlets 3.x**.
* Experienced in Middleware persistence framework like **Hibernate/JPA** for mapping Java classes to thedatabase and using **Hibernate Query Language (HQL).**
* Experienced in Front End frameworks such as**jQuery, Ajax, JavaScript, Nodejs, ReactJS, BackboneJS, AngularJS.**
* Experience in Core Java concepts such as OOP Concepts, Collections Framework, **Exception Handling, I/O System, Multi-Threading, JDBC.**
* Strong experience and knowledge of real time data analytics using **Spark Streaming, Kafka** and **Flume**.
* Strong skills in RDBMS implementation and development using Oracle Servers and hands-on experience with SQL, PL/SQL.
* Working as **SDET** to develop customized automated framework to test **REST API** using groovy, Spock and Gradle framework
* Experience in **Micro services** development using spring boot and deployment in **Pivotal Cloud Foundry (PCF).**
* Experience in container-based technologies like **Docker, Kubernetes**and**OpenShift** along with the development of **Microservices** architecture using Spring Boot.
* Hands-on Experience in **AWS** Cloud in various AWS Services such as **RedShift, Cluster, Route53** Domain configuration.
* Experienced in using **ReactJS components, Forms, Events, Keys, Router, Redux, Animations** and **Flux concept**.
* Experience with setup and maintenance of **WebLogic Server, Apache, Tomcat, LDAP**.
* Implemented based on corresponding view components with view components **JSP, Html, html5, CSS 3, XSD, XSLT.**
* Extensive experience in design, development and implementation of Model- View – Contorller frame works using **Struts** and **Spring MVC.**
* Expert in implementing advanced procedures like text analytics and processing using the in-memory computing capabilities like Apache **Spark** in **Scala**.
* Hands-on experience in implementing client-server business applications using **MVC, SOA architecture,** and **Micro Services.**
* Experienced in implementing Service-oriented architecture and Web Services using **SOAP, RESTFUL.**
* Solid Hands-on experience in end-to-end implementation of **CI and CD** (Continuous Delivery), DevOps processes using **AWS Code Commit AWS Code Deploy, AWS Code Pipeline, Jenkins, and Ansible**.
* Experience with Java 8 features such as **lambda expressions**, Parallel operations on collections and for effective sorting mechanisms, and new Date-Time API.
* Experience in developing and a solid understanding of **Service Oriented Architecture and Microservices Architecture**.
* Proven experience in writing **Queries, Stored Procedures, Triggers, Cursors, Functions, and Packages** using TOAD.
* Designed and implemented interface elements using **Google Web Toolkit GWT.**
* Experience in software configuration management using **CVS, SVN, and IBM** Clear Case.
* Hands-on experience with build tools like **ANT, Maven, Jenkins,** and logging tools like Log4J.
* Extensive experience in working on multiple operating systems including **UNIX, Sun Solaris, Linux, and Microsoft Windows.**
* Work Experience with testing tools and applications such as JUnit, Hands-on experience in unit testing frameworks TestNG and Junit, Mockito, Firebug, Fire Poster, browser developer tools, Protractor, Selenium, Jasmine, SoapUI.
* Goal-oriented individual with excellent analytical, problem-solving, communication, and interpersonal skills with the ability to interact with individuals at all levels and work independently.

## EDUCATION

Master’s in computer information systems from Calums VA 2016

Bachelor’s in computer science from Vaagdevi college of Engineering2012.

##### **TECHNICAL SKILLS:**

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| --- | --- |
| **Languages** | Java 12 (JDK 1.4/1.5/1.6/1.7/1.8), Java Swings, JSF, JUnit, Log4J, Ant, Maven, J2ee, Spark, Python, Ruby on Rails. |
| **Methodologies/Design patterns** | OOAD, OOP, UML, MVC, DAO, Factory pattern, Session Façade, Singleton, Agile, Scrum, Test Driven Development. |
| **Web Technologies** | JSP, Servlets, AngularJS, jQuery, ReactJS, Node.JS, EJB, Hibernate, Struts, Spring, JDBC, HTML5, DHTML and XML, CSS3, GWT  Web Services, Apache Camel, Spring MVC, Spring Boot, Express.js. |
| **IDE Tools** | Eclipse, Rational Application Developer (RAD) and NetBeans, STS. SDET. |
| **Databases** | Oracle 11g, MySQL, Aws, Azure, SQL, MongoDB. |
| **Reporting/Messaging Tools** | Crystal Reports, BO XI R3,Active MQ, Rabbit MQ. |
| **Tools** | Rational Rose 2000, JBuilder 3.5/5.0, Visual Cafe 4.0, Visual Age Java 3.5, eclipse 3.X, MS-Office, FrontPage, Ultra Edit 32, Clear Case, iReport -1.2.5. |
| **Operating System** | Windows, Linux, Unix, Mac, Solaris. |

## PROFESSIONAL EXPERIENCE:

## Client: CVS,  Woonsocket, RI May 2020 - Present

## Role: Sr. Java Developer

**Description:** CVS The chain was owned by its original holding company [Melville Corporation](https://en.wikipedia.org/wiki/Melville_Corporation) from its inception until its current parent company (CVS Health) was [spun off](https://en.wikipedia.org/wiki/Corporate_spin-off) into its own company in 1996. CVS Pharmacy is currently the largest pharmacy [chain](https://en.wikipedia.org/wiki/Chain_store) in the United States by number of locations

**Responsibilities:**

* Involved in the complete **SDLC** including the design of System Architecture, development of System Use Cases based on the functional requirements.
* Involved in Daily Scrum (**Agile**) meetings, **Sprint** planning and estimation of the tasks for the user stories, participated in retrospective and presenting Demo at end of the sprint.
* Used **JSP, HTML5, CSS3,** and **JavaScript** to construct the dynamic web pages (presentation Layer) for the application.
* Used **AngularJS** and **Backbone.JS** for client-side validation.
* Coordinating with apps & database teams to apply patching, Managing SAN environment from the Linux point of view, managing Physical and Logical volumes.
* Develop various screens for the front-end using AngularJS and used various predefined components from **NPM**.
* Worked with core Java technologies like Multi-Threading and synchronization.
* Multithreading was used to process data in chunks to improve performance.
* Handed Java **Multi-Threading** part in back-end component, one thread will be running for each user.
* Developed internal coding using JEE technologies based on the **MVC** Architecture.
* Implemented RESTful Web services to retrieve data from the client-side and made **REST API** calls from Angular JS and parsed the data to project to the client and handled the security and Authorization using **Spring Security** and **OAuth**.
* Developed Business objects using POJOs and data access layer using Hibernate framework.
* Achieved Dependency injection by creating **Spring services, Spring controllers,** and DAOs to wire objects of business classes
* Responsible for migrating the Web services from shared Java environment to **PCF**- Cloud platform.
* Used **ReactJs** for templating for faster compilation and developing reusable components.
* download the **Tabular data** in Excel format using **React.**
* Developed reports include Invoice Printings and Patient profiles. Assigned as a lead developer throughout the design, analysis, and coding phase of a Claims Processing System.
* Develop framework for converting existing PowerCenter mappings and to PySpark(Python and Spark) Jobs.
* Used Hibernate Transaction Management, Spring/Hibernate Batch Transactions, and Hibernate cache concepts.
* Developed presentation layer using **Spring MVC** and used annotation based mapping to map the **JSP** post backs to the controller method.
* Designed End-to-End web application development with the **Ruby on Rails.**
* Deployed spring boot application using Pivotal Cloud Foundry (**PCF**).
* Used a **Microservices** architecture, with Spring Boot based services interacting through a combination of REST and Spring Boot.
* Used **Microservices** are designed with the individual database and project with no dependencies.
* Used **Spring Data Framework** to use the features of Spring JDBC and **Spring ORM** classes like JDBC Template and Hibernate Template to perform the database operations by connecting to Data sources available.
* Involved in converting Hive/SQL queries into **Spark**transformations using **Spark  RDD’S,** and **Scala.**
* Developed multiple POCs using **Scala** and deployed on the Yarn cluster, compared the performance of **Spark** with **Hive** and **SQL/Teradata**.
* Used Microservices to communicate using synchronous protocols HTTP and REST.
* Implementing or exposing the Microservices based on **RESTful** API utilizing Spring Boot with Spring MVC.
* Developed and used REST web services for the reporting framework.
* Focused on Test Driven Development thereby creating detailed JUnit tests for every single piece of functionality before writing the functionality.
* Developed build and deployment scripts using **MAVEN** as build tools in Jenkins to move from one environment to another environments.
* Responsible for configuring Continuous Integration Server i.e., Jenkins and SonarQube.
* Used MongoDB as data storage and utilized aspects like replica set.
* Implemented and maintained the monitoring and alerting of production and corporate servers/storage using AWS Cloud Watch.
* Used JIRA ticketing system to keep track of issues and tasks on individuals.

**Environment**: JAVA 12, J2SE, HTML5, CSS3, jQuery, Ruby On Rails Spring Framework 4.2.0, Spring MVC 4.2, React JS, Spring Security, Spring Boot, Spring Data (Spring JDBC, Spring ORM), JSP2.0, WebSphere, PSF, SonarQube, JBoss, JUnit, TDD, MongoDB, Microservices, GITHUB.

## Client: FedEx Logistics - Memphis, TN. Jan 2019 - Apr 2020

## Role: Java Developer

**Description:** FedEx Express invented express distribution and is the industry’s global leader, providing rapid, reliable, time-definite delivery to more than 220 countries and territories.

**Responsibilities:**

* + The application architecture of the System is based on **Spring MVC** (Model View Controller) and JEE specifications.
  + Implemented various features of the **spring framework** such as Dependency Injection, IOC, Annotations, and Spring integration with **Hibernate**.
  + Good knowledge of **Spring& IOC, AOP, Spring MVC,**and springs integration with Hibernate and Struts technologies.
  + Designed and developed a **RESTful** service interface using **Spring MVC** to the underlying customer event **API**.
  + Experienced in writing **JUnit** Test cases for Java and JEE applications.
  + Worked on **Spring Security** for application authentication.
  + Manage, integrate and secure ART store's services in the cloud (AWS, Cloud Bees, JIRA, etc.).
  + Good experience with **Cassandra** NoSQL Database.
  + Implemented the **REST APIs** and data transformers using the JAVA connector which involves the use of JAVA8 features Lambda and Streams.
  + Identifying appropriate AWS service based on computer, data availability, security requirements, and storage.
  + Implemented application security including User Management, **LDAP** authentication, authorization (users have restricted access to app components according to their permissions)
  + Implemented a role-based security system for web-based administrative applications
  + Implementing security Single Sign-On application to share user management, authentication, and authorization among multiple applications.
  + Experienced in handling large datasets using Partitions**, Spark** in Memory capabilities, Broadcasts in **Spark,** Effective & efficient Joins, Transformations and other during ingestion process itself.
  + Worked on **ReactJS** **Virtual Dom** and **React views**, rendering using components which contains additional components called custom **HTML tags.**
  + Utilized **ReactJS** for its efficient data flow architecture to create a lightweight and render efficient web application.
  + Performed dependency injection of spring beans such as data source beans or Hibernate utility singleton bean to create one session factory for the entire application.
  + Developed a Web Application using **Java** with the **Google Web Toolkit GWT** API with **PostgreSql.**
  + Ability to design applications on **AWS** taking advantage of Disaster recovery.
  + Experience in working with **Spring Quartz framework** and developed various quartz jobs.
  + Generating Dashboard through **Splunk**. Hands-on experience with Searching and Reporting with **Splunk 5.x**.
  + Responsible to support the operations, monitoring, reporting according to the requirement of the higher management team by making **Splunk Dashboards.**
  + Worked on spring boot, Spring Rest full template to develop Application Level **Micro Services**.
  + Implemented **Micro Services** based Cloud Architecture on AWS and **Platform Cloud Foundry.**
  + Implemented Hibernate Template to great extent making use of **HQL, Named Parameters, Named Queries,** and interfaces such as Expression, Query, and Criteria.
  + Implemented and developed UI components using Angular JS features like Dependency Injection, Models, data binding, and controllers.
  + Administered and deployed applications into WebSphere Application Server.
  + Used Java Messaging Services (**JMS**) for the reliable and asynchronous exchange of important information such as payment status reports.

**Environment:** Java 9, Spring 3.5, Hibernate 4.2, Eclipse IDE, Spring batch, Spring quartz, GWT, Ruby on Rails ,Spring Security, Spring Boot, JPA, Java Scripts, AngularJS, RectJS , Spark, Oracle 11g, WebSphere Application Server, Eclipse/RAD 8.0, Oracle 11g, SOAP, RUP, Maven, log4j, Junit, XML, Web Services, ILog, JRules 5.0, Splunk, GIT**.**

## Client: Hertz, Estero, FL. Mar 2017 – Dec 2018

## Role: Java Developer

**Description:** The car rental company helps customers The company operates its namesake Hertz brand, along with the brands [Dollar Rent A Car](https://en.wikipedia.org/wiki/Dollar_Rent_A_Car), [Firefly Car Rental](https://en.wikipedia.org/wiki/Firefly_Car_Rental) and [Thrifty Car Rental](https://en.wikipedia.org/wiki/Thrifty_Car_Rental).

**Responsibilities:**

* Involved in Full Cycle of Software Development from Analysis through Design, Development, Integration, and testing phases by following Agile Software Development with Scrum methodology.
* Experience in **Core Java** concepts such as **OOP** Concepts, Collections Framework, and Exception Handling, Multi-Threading, **JDBC**, Generics.
* Hands-on experience with the **JUnit** testing & Mockito framework and used Postman for testing of API & web services. (**REST** and **SOAP** services)
* Gained experience with dockerization of microservices, running container images on **Apache Mesos**.
* Worked on Batch jobs for inbound and outbound file batch processing, and for loading the data into the database.
* Performed **CRUD** operations like Update, Insert, and Delete data in MongoDB and Oracle database management system and handled database access and data transmission based on RESTful web service.
* Configured Hibernate session factory in applicationcontext.xml to integrate Hibernate with Spring.
* Used **Eclipse IDE** for development, Maven to build the application, and JBoss Application Server for deploying the web application.
* Developed complex **SQL** queries for extracting data from the database.
* Handing **POM** using Maven using its full Lifecycle and build the project using Maven and used GIT for version control.
* Created **RESTful** web service barcode Controller for handling the Webservices request from a UI application.
* Experience in using build/deploy tools such as Docker for Continuous Integration & Deployment for Microservices.
* Used built-in stored procedures to reach the requirements from the Client to improve the response time of the services.
* Implemented**Spark** using **Scala,** Java and utilizing Data frames and **Spark SQL API** for faster processing of data.
* Experience with deploying the micro-services that serve the mobile application using Jenkins.
* Performed continuous integration and deployment of applications using Jenkins & debugging through Log4j.
* Used **GIT** as version control and regularly pushed the code to Bit Bucket and used Jenkins for continuous Integration and Deployment (CI/CD)
* Skilled in leading frameworks as **ReactJs** to build high-quality, scalable and reusable components and Front-end solution.
* Worked on all assignments using **JIRA** tracking software, agile development methods and developed throughout the entire software lifecycle.
* Worked on **Log4J** for extensive logging, debugging, and error tracking and for logging the user actions and exceptions to find out causes of system malfunctioning and keep user action logs.
* Involved in the Analysis, Design, Development, **UAT,** and Production phases of the Application.
* Used **Maven** script for building and deploying the application.
* Participated in a **Scrum team** and Agile Practices including Test-Driven Development (**TDD).**

**Environment**: Java, J2EE, Spring MVC, Spring Boot, Microservices, Swagger, Scrum, JSON, Log4j, Docker, MySQL, Hibernate, Log4j, Jenkins, Agile, JPA, Eclipse, React.js Spark, HTML 5, jQuery, JIRA, Jenkins, JUnit, JSP, Ajax, XML, CSS, JavaScript, SQL, Git, Maven, DAO, Junit, Mockito.

## Client: Freeman Company-Dallas, TX. Sep 2016 - Feb 2017

## Role: Java Developer

**Description:** Freeman is the world’s leading live event and brand experience company. We help our clients create and deliver immersive experiences for their most important audiences.

**Responsibilities:**

* Involved in all phases of Software Development Lifecycle including Requirements gathering, Design & Analysis of the Customer Specifications, Development and Customization of the Application-using scrum-based Agile.
* Used Spring MVC for implementing the Web layer of the application. This includes developing Controllers, Views, and Validators.
* Involved in fixing defects and unit testing with test cases using JUnit.
* Worked with **Core** Java code extensively using interfaces and multi-threading techniques.
* Developed **DAO** classes using **JDBC** Callable statements for calling **PL/SQL** stored procedures.
* Used Continuous Delivery/ Continuous Integration tools Jenkins to deploy this application and used GIT for version control of code for incremental development.
* Used **ReactJs** and **MobX** for front end development
* Worked with Core Java code extensively using interfaces and multi-threading techniques.
* Extensive experience with Agile Team Development using **JIRA** for bug and issue tracking.
* Designed and developed applications using **spring**, **J2EE** Design Patterns such as MVC and JSP/Servlets to develop the application on **Windows** and **UNIX** platforms.
* Hibernate is used for persisting data while developing an application based on Spring Framework.
* Utilized **HTML, CSS, JavaScript** for client-side developments and validations.
* Designed various tables required for the project in Oracle 11g database and used Spring JDBC to invoke PL/SQL Stored Procedures.
* Designed and implemented customized exception handling to handle the exceptions in the application.
* Used **Eclipse IDE** for developing the applications.
* Involved in writing the **JUnit** and **Mockito** test cases for integration testing of the system.
* Implemented **Log4J** for Logging Errors, debugging, and tracking using loggers, Appenders, and components.
* Used **Maven** to build, run and create **JARs** and **WAR** files among other uses.

**Environment**: Java, J2EE, Spring MVC, Swagger, Scrum, JSON, Log4j, Docker, MySQL, Hibernate, Log4j, React jsJenkins, Agile, JPA, Eclipse IDE, JIRA, Jenkins, JUnit, JSP, SQL, Git, Maven, DAO, Junit, Multithreading, Mockito, HTML, CSS.

## Client: SSIT Pvt Ltd-Nagpur. Oct 2014 - Aug 2015

## Role: Java Developer

**Description:** Safeway - Phoenix, AZSSIT Pvt. Ltd., Nagpur is a well-versified software development company with high skilled IT experts catering result-oriented and cost-competitive solutions to SMEs across the world.

**Responsibilities:**

* Involved in designing and developing the RDBMS to build up the required databases to provide the client with desired application functionality.
* Spring ORM with Hibernate was used to develop entities, DAO, and services to manage the databases. Furthermore, the project's models and repositories were implemented using Spring Annotations.
* Created and implemented **RESTful** Web Services using spring to retrieve relevant data from the central repository to render into the UI.
* Implementing **Spring MVC XML**-based configurations and the Controllers to map the user requests and return the ModelandView objects.
* Designed web page components using JavaScript/Typescript and Angular for incorporate nested views in Single Page Application using routes and achieving access grant using Route Guards.
* **HTML**, **CSS**, **JavaScript**, MongoDB, and Angular were used for the frontend to develop the database and web system for rendering facile course management for the users.
* Used Angular as a framework to create a Single Page Application (SPA) to bind data to specific views and synchronize data with the server.
* Used **Mongoose** to access the documents from the Node-JS web server and build data models for the entities in the database schema.
* Used **Git** as Version Control System to manage and synchronize the code efficiently with the team.
* Used **JIRA** for bug management/fixes and JUnit provided unit testing.

**Environment:** Java, Spring, RESTful Web Services, Hibernate, Node.JS, Mongoose, MongoDB, MySQL, Angular, Typescript, Bootstrap, HTML, CSS, and Git.

## Client: Aspect Software – Bangalore Dec 2013 - Sep 2014

## Role: Java Developer

**Description:** Aspect Software, Inc. is an American multinational call center technology and customer experience company headquartered in Phoenix, Arizona.

**Responsibilities:**

* Developed multiple user tools with core Java and DB2 using eclipse IDE.
* Implemented multiple design patterns like factory, façade, etc.
* Extensive code reviews on adherence to design and performance.
* Extensive real-time production support.
* Wrote **HQL queries** as part of development.
* Designed and implemented **XML** parsing for **XML** order conformations.
* Wrote batch jobs and was involved in **performance tuning of complex queries**.
* Monitored the error logs and fixed the problems.
* Developed the different components of the application such as **JSP**, **Servlets**, **DAO,** and Used **SubVersion (SVN)** for version control.
* Involved in the Development of Spring Framework Controllers. Developed Controller for the request, response paradigm by Spring Controllers using Spring-MVC.
* Developed additional UI Components and implemented an asynchronous, **AJAX (jQuery**) based rich client to improve customer experience.
* Built **ANT** scripts for automated deployment and the build operation of the entire application.
* Developed web pages using **HTML5/CSS** and **JavaScript, Angular JS**
* Developed many **JSP** pages, used Dojo in **JavaScript** Library, **jQuery** UI for client-side validation.

**Environment:** Core Java, SQL (DB2), Design Patterns, Hibernate, DOJO 1.5, Eclipse IDE, Tortoise SVN source control, Bugzilla, Autosys, Aqua Studio, JIRA, Cygwin.