**Sr. Java Full Stack Developer**

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**Expertise Summary**

Over **8+ 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 and Multitier Based Development** **with Concepts of**, **Object Oriented Design**, **Object Oriented Analysis**, **Object Oriented Programming** and its implementation.
* Experience working with various Software Development Life Cycle like, **Waterfall Model V-Shape Model Iterative Model and methodologies** based on **Agile, Scrum**, **Iteration, and TDD**
* Expertise in design and development of various **web and enterprise-level applications** using **Java/J2EE** Such as **Spring MVC**, **Hibernate**, **Struts2** **framework,** **EJB**, **Servlets 3.x, JSF and Google Web Toolkit.**
* Experienced in Middleware persistence framework like **Hibernate/JPA** for mapping Java classes with database and using **Hibernate Query Language.**
* Expertise in developing Web based Distributed and Front-End applications in a three-tier architecture using **Java**, **J2EE, HTML, HTML5, Backbone JS, Bootstrap, Angular 4**, **Angular 2, Ajax, Node JS, JSP,** **CSS, JavaBeans**.
* Experienced in Developing Java/J2EE Applications using **JDK 1.7/1.8, Core Java, JSP, JSF, springs, Web Services, Struts, XML, XSD, XSL and JNDI.**
* Experience on **java Negative cloud.**
* Experience in developing multi-tier distributed web applications using Java, JEE, Servlet, JSP,JBDC,EJB3.2,JMS,Struts, Hibernate3.2/4.x, Spring 3.x/4.x,SOAP and REST based Web services (Axis2.0, JAX WS 2.0, JAX RS), Rule Engines (Drools4.1, ILOG), JBPM tools.
* Experienced in frameworks: **Spring MVC**, **Jakarta struts framework**, **JSF**, **spring** and **Hibernate**.
* Strong experience in Spring Framework modules such as MVC, **IOC**, **AOP** **and Spring JDBC, Spring JTA, Spring IO, Spring Boot with Thyme leaf, Spring HATEOS, Spring Heroku, Spring Netflix, Spring Hystrix.**
* Developed Struts based presentation layer, **hibernate** based **DAO** layer, Transactional based **service** layer for business logic and integrated all these layers using **Spring Dependency injection, ORM and Web modules**.
* Expertise in building real time data pipelines using **spring Kafka and zookeeper** apart from **JMS** and messaging.
* Good Knowledge on **Apache Storm** which is used for real-time Stream processing
* Expertise in Web Services for data transfer from client to server using **Apache Axis, REST, SOAP, WSDL**, **UDDI**.
* Experience in writing **JSON REST APIs** using **Golang**
* Experienced in working with multiple databases like **Oracle 10/11g**, **SQL Server**, **MySQL**, **DB2**, **Sybase, PostgreSQL and SQLite and NOSQL Databases like (mongo DB, Cassandra, Dynamo DB, Infinity).**
* Hands on experience in **Amazon Web Services** provisioning and good knowledge of **AWS** services like **EC2, S3, Elastic Beanstalk, ELB, RDS, VPC**, **Spring** Route53, Cloud Watch, Cloud Formation, IAM, SNS etc.
* Experience in implementing **Java EE design patterns such as MVC, Singleton, Session Façade, DAO, DTO,** and **Business Delegate** in the **development of Multi-Tier distributed Enterprise Applications**.
* Experience in **configuring and deploying** the **applications** on **Tomcat**, **WebSphere**, **WebLogic** and **Jboss**.
* Experience in using build tool as **ANT**, **Gradle,** **Maven** to compile, package the components to the Application Servers **MAVEN** scripts for customizing **WAR/ JAR** file management for web applications and **log4J**.
* Experienced in performing unit testing using **Junit, Test NG, Mockito**, integration and deployment of applications using tools such as **ANT**, **Maven, Gradle and Drools** & debugging through **log4j**.
* Hands on experience Developing tooling using **Java/Golang.**
* Experience with mainframe batch COBOL/DB2 MVS application Development in accessing DB2 databases.
* Experience in Using different levels like **SaaS, PaaS, IaaS** on the **AWS Cloud.**
* **Experience in creating Docker images, Containers, push/pull and integrating with Spring Boot for running applications securely on container platform by flexible integrating** existing processes with **log4J** for logging.
* **Experience with build tools like CICD-ANT, Maven and logging tools like Log4J.**
* **Ability to quickly analyze requirements**
* Experienced in Development, testing and deployment of enterprise applications on **Windows** & **UNIX** platforms using IDE’s such as **Eclipse**, **Rational Application Developer,** **NetBeans**, **intellij 14.x/15.x**
* Experience in using different controlling/tracking systems **Subversion**, **CVS**, **GIT**, **and Rational Clear Case**.
* Experienced in **Splunk Log Management Creating dash boards, monitoring, reporting, Email Notification to Users for threshold limit**.

**Technical Skills:**

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| --- | --- |
| **Programming Language** | Core Java, SQL, PL/SQL |
| **Java/J2EE Technologies** | Servlets, JSP, JSTL, JDBC, JMS, JNDI, RMI, EJB, Swing, AWT,  Multi-threading, Java Networking |
| **Java Frameworks** | Spring MVC, Struts 2.0, JSF |
| **Application/Web Servers** | WebLogic, IBM WebSphere, Jboss, Tomcat |
| **ORM Frameworks** | Hibernate, JSF, IBATIS |
| **Web Technologies** | JSP, JavaScript, jQuery, AJAX, XML, XSLT, XHTML, DHTML, CSS, SASS,  HTML, AngularJS, Ext JS, backbone JS, Json, Golang. |
| **Spring Framework** | Spring IOC, Spring Batch, Spring Boot, Spring Security |
| **Database Server** | Oracle, DB2, SQL Server, MySQL, RDBMS, MongoDB, Cassandra |
| **IDE** | Eclipse, NetBeans, Intellij, STS |
| **Web Services** | REST, SOAP, JAX-WS, JAX-RPC, JAX-RS, WSDL, Axis2, UDDI, Apache  CXF |
| **Version Control** | GIT, CVS, SVN, Clear case |
| **Build Tools** | ANT, Maven, Gradle |
| **Methodologies** | Agile, Scrum, Water-Fall, Rapid Application Development,  Test Driven development |
| **Modelling Tools** | Microsoft Visio, Rational Rose |
| **Operating System** | Windows, Mac, Linux, UNIX |
| **Tools** | Apache Camel, ESB, cucumber, Rational Rose, Microsoft Visio, Google Firebase |
| **Testing &logging** | Junit, Jasmine, Junit, Log4J, SoapUI, Test NG, easy mock and power mock.  Karma, Protractor, Mockito, Selenium, Jenkins, Docker |
| **Cloud Developments** | EC2,S3,Elastic, ELB, Spring PCF(pivotal cloud foundry) |

**PROFESSINOAL EXPERENCE**

**Role: Sr. JAVA/J2EE FULL STACK DEVELOPER June 2016 – present**

**Client: Client: Kroger, Cincinnati, OH**

**Description:**

Kroger is an American retailing company and second-largest general retailer in the United States. Kroger's headquarters are in downtown Cincinnati. I had the opportunity to help define and implement components for next-generation, global e-commerce platform. In this hands-on position, I was responsible for defining and implementing testing suites for core technologies, products and web-based applications, namely our massively scalable, high performance, multi-tenant, international e-commerce platform.

**Responsibilities:**

* Followed **Agile, Scrum** approach of development strategy.
* Created many custom filters using **Angular 4.0** and external module to manipulate the routing.
* Configured **Karma** test runner for the project and unit tests are written in **Jasmine**.
* Responsible for implementation of java integration components for JBPM and DROOLs.
* Designed, develop a custom, single-page, responsive **Web Application** on front end using **Angular 4.0**.
* Designed pages using **Angular 4.0 Validations, Modules, Events, Expressions, Directives, Controllers** and **Filters.**
* Extensively used **Spring Framework** modules like **MVC, DI(IOC), JDBC Templates, Spring Security** and **AOP.**
* Created and injected **Spring** services, **controllers** and **DAOs** for **DI** and to wire objects of business classes.
* Implemented the Project structure based on **Spring MVC** pattern using **Spring boot.**
* Hands on experience **Spring Boot Actuator**, **Spring Cloud**, and **Netflix Eureka.**
* Extensively used **Hibernate Mappings**, **HQL**, **Query, Criteria, Lazy Loading Transactions** and **Locking’s.**
* Developed Stored Procedures, triggered stored procedures using **Hibernate**.
* Experience with various persistence mechanisms and **APIs** like **JPA**, **JDO**, **Hibernate**, **EJB**.
* Used **Hibernate EHcache** for second level caching which resulted in enhanced performance of the application.
* Developed **Web Services** using **SOA** technologies such as **REST**.
* Developed and consumed **Apache CXF** based Web Services as part of Payments Application.
* Developed **Grunt** tasks to run the unit tests on **Jenkins**.
* Used Drools engine for validating business rules before executing in runtime.
* Used advanced **Java 8** features like **Lambda Expressions** Streams, Filters. Enhanced concurrency methods etc.
* Design and develop **Selenium** tests to verify functionality of internal business applications and resulting data.
* Experience with creating **Workflows, Mappings** and Scheduling **Jobs** in **Informatics.**
* Developed Business rules using **DROOLS** and integrated with Application.
* Develop, test and implement **BizTalk** applications (schemas, maps, pipelines, orchestrations).
* Provide support to the Help Desk, Network team and Development team relative to communications and **BizTalk** issues.
* Provide technical assistance for current **BizTalk** infrastructure.
* Deployed the application in **JBoss** production server running in **Linux** platform.
* Worked with high volume and complex **PL/SQL Stored Procedures** and **Packages** using **TOAD**.
* Design patterns are extensively used to achieve clean separation of different layers like **Adapter, Singleton, Factory, Abstract Factory, Service Locator** and **Facade**.
* Extensively Used **Castor, XSTREAM & JAXB** APIs for **XML** Marshaling and Un-marshaling.
* Experience with Upgrading existing project from **CVS** to **SVN** and **HUDSON** to **JENKINS**
* Developing **Docker** images for Development and Testing teams and their pipelines.
* Strong understanding of **Microservice** architectures, patterns, related frameworks and prior hands-on experience in developing and deploying **Microservice** solutions.
* Implementing or exposing the **Micro service architecture** with **Spring Boot** based services interacting through a combination of REST and **Apache Kafka** message brokers.
* Coordinated **Kafka** operations and monitoring (via JMX) with **Dev ops** team.
* **Docker** container images, tagging, pushing images, integration of **Spring boot**.
* Experience in develop and configure monitoring solutions to provide full visibility to the different platform components using tools and services like **AWS, Cloud watch, Splunk**.
* Experience in Cloud Solutions on **AWS** utilizing **EC2, S3, IAM, ECS** and **RDS** etc.
* Experience designing and developing applications on relational databases **MongoDB.**

**Environment: J2EE, Spring Framework, Microservice, Spring MVC 4, MongoDB , Angular 4.0, Core Java, Spring Security, Hibernate 4.X, Magento, Jquery, JSON, AJAX, Web Services, SOAP, XML, JavaBeans, Xstream, Apache POI, EXT JS, Jquery, JavaScript, Eclipse, JBOSS, Agile Methodology, Design Patterns, Apache Maven, JUnit, HTML/UNIT, XSLT, HTML5/DHTML.**

**Role: Sr. Java/J2EE Full Stack Developer Jan 2015 – June 2016**

**Client: AQR Capital Management, Greenwich, CT**

**Description**:Description: It's an I-Banking solution for offering the services of the bank via web based system. I-Banking has been developed in scalable n-tier architecture. We ensured a great customer experience through well-branded and attractive design, intuitive tools, and well-planned information architecture, to help people find what they need by weaving relevant and useful content into the website user experience.

**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**.
* Developed using new features of Java 8 **annotations, Generics, enhanced for loop** and **Enums**.
* Well versed with core Java concepts **like Collections, Swing, Serialization** and **Servlets & JSP.**
* Designed and Developed UI for Customer Service Modules and Reports using **AngularJS, HTML, CSS, Bootstrap, JavaScript,** and **jQuery.**
* Implemented various validations rules using JBoss Business rules in the drl (drools file) using Drools rule engine.
* Worked with **Angular CLI** and **AngularJS** to create **Controllers and Angular components**.
* Used **Node.js** as a proxy to interact with Rest services and interacting with Database.
* Implemented the business modules integration using **Spring** and **Hibernate data mapping**.
* Used **Spring Boot Actuator** for application's configuration properties in various environments, Upgraded **Spring Rest Controllers** and **Services classes** to support migration to **Spring framework.**
* Using **Spring AOP** Module to implement logging in the application for application status and deployed **Spring Security** for **session fixation, clickjacking, cross site request forgery.**
* Developed **Microservices** using **Spring Boot,** **Spring Cloud** with **Netflix Eureka** to create the discovery Server, service, discovery clients and integrated **Apache Kafka** and **Zoo Keeper** as message broker.
* Developed **microservices** with **Spring** to retrieve API routes for the entire cluster. Using this strategy each microservice in a cluster can be load balanced and exposed through one **API gateway**.
* Using **Golang** designed the toolkit for projects based on **Docker** along with **Kubernetes**.
* Developed Entity objects and used **Hibernate the ORM** tool to access persistent data from **SQL Server**.
* Experience using persistence framework like **Hibernate, JPA** for mapping java classes with Database.
* Experience working on **Docker Hub**, creating **Docker images** and handling multiple images primarily for middleware installations and domain configurations.
* Worked on creation of **Docker container images**, **tagging, pushing images, integrating Spring boot**, created the **Docker containers** and **Docker consoles** for managing the application life cycle.
* Utilized **AWS Lambda** platform to upload data into **AWS S3buckets** and to trigger other Lambda functions (**EC2, MongoDB**) focusing on high-availability, fault tolerance, and auto-scaling).
* Involved in configuring **Elastic Load Balancers** with Auto scaling to handle high traffic loads.
* Used **SQL Server** to access data in the database at different Levels, responsible for implementing **SQL queries** and managing **JDBC** interactions with data sources.
* Worked on **JBoss** Application server implementation, support, workload management and performance tuning including Web server setup configuration with **JBoss App Server**.
* Designed and developed custom **message adapter** components using **Apache Kafka** that allowed message to travel through Microservices to base on **RESTful API** utilizing **Spring Boot** with **Spring MVC.**
* Used **Maven** automated build scripts to compile and package the application and implemented **Log4j**.
* Implemented unique **design patterns** such as **singleton, business factory** and **J2EE design patterns**.
* Used **Maven** as build and dependency management tool for creating **EAR, WAR** and **JAR** file to be deployed in application servers and integrated with **GitHub, Jenkins Jobs.**
* Used **JIRA** for bug tracking, issue tracking and project management.
* Involved in converting **SQL** queries into **Apache Spark** transformations using Apache Spark RDDs and **Scala**.

**Environment: HTML5, CSS, jQuery, AJAX, NodeJS, APIGEE**, **Java1.8, J2EE, Spring, Hibernate, Web Services, SOAP UI, XML, SQL Server, Docker, AWS, Spring Boot, Swagger-UI, Log4j, Selenium, Jenkins, Drools, JIRA, Maven, GIT, WebSphere, COBOL DB2.**

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

**Client: GuideOne Insurance, West Des Moines, IA June 2013 – Jan 2015**

**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 Application Development for the auto insurance consumer’s. New Customers can receive the online 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**:

* Involved in Brain Storming sessions, Daily Scrum meetings, Sprint planning and estimation of the tasks stories.
* Used **Design Patterns** like **Singleton, MVC, Front Controller, Service Locator, Session Facade and DAO**
* Developed the web application by using Prime Faces employing **AJAX** at client -side components which enables rich web application content in **GUI's**.
* Worked on **Spring modules** like **Dependency Injection, Aspect Oriented Programming and Spring Mail,** **Spring JMS and Spring Security**.
* Involved in development of Agent Verification System using **Spring MVC framework**.
* Extensively used **Hibernate mappings**, **HQL**, **EHCache, Query, Lazy loading** **Transactions** and **Lockings.**
* Developed Batch Rescore Tool to rescore multiple claims using **Multithreading**.
* **AngularJS/Rest angular** framework for page rendering and ajax calls to backend **RESTful** services.
* Worked on **MVC framework** like **AngularJS** as a development framework to build single page applications.
* Web application development for backend system using **AngularJS** and Node.js with cutting edge.
* Experience with **jQuery**, **AngularJS** in templating and Bootstrap.
* UI development with technologies like **HTML 5**, **Angular JS** and **Jquery**.
* Used **jQuery** to make the application highly interactive and used **JSON** objects for efficient client-side coding.
* Developed **GUI** using **JavaScript**, **HTML**/**HTML5**, **DOM, XHTML, AJAX, CSS3**
* Built Web pages that are more user-interactive using **jQuery** plugins for Drag and Drop, AutoComplete, **AJAX**, **JSON**, and **JavaScript**, **Bootstrap**.
* Used **Spring JMS** to post and consume the messages from the **IBM MQ** Server.
* Used **Spring** Mail for sending emails to the customers and business.
* Extensively used **hibernate named queries, criteria queries, Hibernate Query Language** and Optimistic Locking and Caching to process the data from the database.
* Integrated Java systems with .Net systems using **BizTalk integration tool**.
* Responsible for design of **WSDL files and schemas. Designed and hosted SOAP based Web Services** on WebSphere Application Server.
* Implemented **Quartz** jobs for running the batch jobs based on the cron triggers configured in the **Spring** files.
* Involved in deploying and testing the application in **JBoss** application server.
* Used MongoDB as a **NoSQL** for storing JSON data.
* Responsible for continuous monitoring and managing Elastic Map Reduce cluster through **AWS** console.
* Setup and effectively use **SOAP** Monitor tool supplied with Apache axis to track SOAP request and response sent to and from ATLAS Webservice on daily basis.
* Implemented validation rules using **JBOSS BRMS** (Business Rule Management System), a version of **DROOLS**.
* Log4j, Active MQ Series, Soap Webservices with Apache CXF 2.3/ JAX-RPC/ JAX-WS, JSON Rest Webservice.
* Developed **Unit /Integration test cases** using **Junit, Easy Mock, Mockito and Selenium tools**.
* Used **Ant/Maven** tools for building and deploying the Web applications.

**Environment:** **Java 1.7, Spring, JPA, Hibernate, Web services, jQuery, jQuery UI, AJAX, Java Script, Jenkins, Web Sphere 8.5, CVS, Google Guava, IBM MQ, NoSQL, Mockito, Spring MQ, Spring MVC, Web Services, SOAP UI, PrimeFaces, JAXB, WSDL, Scala, XSD, AWS, XML, XML Spy, BRMS,** **SQL, BizTalk Server 2010, Microsoft Visual Studio 2010, DB2, SQL Server 2010, Microsoft Visio, Eclipse, WinSQL, Squirrel SQL.**

**Role: Sr. Java Developer**

**Client: Union Bank Of California, Los Angeles, CA                                     May 2012 – June 2013**

**Description:** Union Bank is full-service commercial bank, providing broad mix of services to businesses and individuals.  The Union Bank online system has modules for its customers to open online account, view all of their financial information and do online from both Union Bank of California branches and other Financial Institutions. Account enrollment is automated by capturing personal information, contact/employment information from customers hence allowing them to open checking/savings accounts

**Responsibilities:**

* Involved in all the phases of **software development lifecycle** including Requirements Collection, Design & Analysis of the **Customer** Specifications, Development, Deployment and Customization of the Application.
* Developed UI using **HTML**, **CSS** and **jQuery** to display the data on the client side. Wrote **Single page web applications** using **NodeJs** as server side**, GULP, WEBPACK,** **Restful** web services plus **AJAX** and **Angular JS**.
* Developed a dashboard based on **Ajax calls** with Business Customers Count, Flags, Real-time graphs for Analytical Reporting using **NodeJs** and Wrote code to fetch data from web services using **jQuery AJAX** for asynchronous communication **via JSON** response and updating the modified data to display in UI pages.
* Called web services with **REST Architecture** to specify constraintsthrough **Angular JS** services to get **XML file** data.
* Involved in implementation of enterprise application communication and integration with Web Services and Legacy Systems using **REST** (Using Axis and Jersey frameworks).
* Used various Core Java concepts such as **Multi-Threading, Exception Handling,** **Collections framework** extensively to store, retrieve and manipulate data objects of application in the business logic layer.
* Involved in writing **Spring Configuration XML file** that contains declarations and another dependent object declaration.
* Used **J2EE Design** patterns like **Singleton, Service Locator, Session** **Façade Business Delegate** during development.
* Developed **micro services** with **Spring Eureka** to retrieve API routes for the entire cluster. Using this strategy each micro service in a cluster can be load balanced and exposed through one API gateway.
* Used Spring Transactions in the application and **spring beans** to develop **Session beans** for the business logic.
* **Spring MVC Framework IOC design** pattern is used to have relationships between application components. It is also used to separate the application configuration and dependency specification from the actual application code.
* Implemented spring service layer with dependency **wiring, transaction, DAO, Annotations** for **DI**
* Designed and developed Application based on **Spring Framework, Spring MVC and spring templates,** Used Spring Framework for **Dependency Injection** and integrated with **Hibernate DAOs for ORM mapping.**
* Composed and executed **MongoDB** document scripts to insert, update NoSQL database, automating data changes, reporting and wrote **MongoDB** client to receive data from AMC for Companies.
* Used **NoSQL MongoDB** database to provide recommendations on Performance tuning for applications.
* Used **Hibernate framework** in persistence layer for mapping an object-oriented domain model to a relational database.
* Worked on **Pivotal Cloud Foundry** to host **Application** which used to role-based access controls, applying, enforcing roles and permissions to ensure that users can only view and affect the spaces for which they have been granted access.
* Re-architect monolithic service into micro **services-based** architecture using spring boot and **pivotal cloud foundry.**
* Used Selenium Data Driven framework for testing the application and integrating it with **Maven** [Build Management Tool], **TestNG** [Unit Testing tool] and **Jenkins** [Continuous Integration Tool] for continuous delivery pipeline.
* Created and configured management reports and dashboard using **Splunk** by identifying data patterns, metrics.
* Used **Maven** as the Build tool. Experienced in using assistant tools such as **GIT** to access the code repository and version control repository **SVN** (Subversion by apache).
* Implemented the logging using **log4j** framework which is used to log both User Interface and Domain Level Messages.

**Environment: J2EE 1.8, spring 4.0, Hibernate 4.0, AJAX, JMS 1.1, XML, SOAP, WSDL, REST, JDBC, JAX-WS 2.2, JavaScript 1.8.2, AngularJS, NodeJS, UML, HTML5, JAXB 2.2, SVN, Log4J, JMeter, WebSphere 8.5 Application Server, Eclipse, Oracle 11g, Maven, Jasmine, Karma, Protractor, Jira.**

**Role: Java/J2EE Developer**

**Client: American National Bank, Cleveland, OH Nov 2010 – May 2012**

**Description:** This application is a part of online banking that allows a customer to pay bills securely and to make monthly automatic bill payment. The functionalities involved in this make a payment, set up automatic payments, add a payee, Receive bills electronically, Email notifications, Review Payments. This project also supports the intra and inter-bank transfer of funds for customers.

**Responsibilities**

* Worked extensively with the backend which comprised of **Spring, Hibernate** and **JPA**.
* Used **JSON** and **XML** formats to transfer data from the server.
* Implemented **Web Services** to handle data from third party interfaces, used tool like **axis 1.4** to create web services.
* Developed **AJAX** based web-based UI framework.
* Created simple user interface for application's configuration system using **MVC** design patterns and **Swing** framework.
* Developed **Servlets** and **JSP** for performing CRUD operations on domain specific entities.
* Developed Service Layer using **POJOs** and **Spring IOC**.
* Developed Data Access Layer using **Hibernate** and **DAO Design Pattern**.
* Involved in working with J2EE Design patterns (**Singleton**, **Factory**, **DAO**, and **Business Delegate**) and Model View Controller Architecture with **JSF** and **Spring IOC**.
* Used **Apache POI API** to generate excel document for data in each grid in the application.
* Extensively used **Spring IOC** architectural model to inject objects based on the selection of components like setter injection and Interface injection to manage the object references.
* Involved in the **development of the application based on backend Spring MVC architecture.**
* **Utilized Spring** MVC framework to implement design patterns like IOC (Dependency Injection), **Spring DAO**, Data Transfer objects, Business objects, **ORM Mappings**.
* Used the **Spring DAO** to handle exception for database transaction like open connections, no result, connection aborted, closing the connections etc.
* Utilized the concept **of Lazy initialization** and **Eager fetch** based on the requirements and increase the performance within the session of objects.

**Environment**: **Spring MVC, IOC, Hibernate, Swing, Oracle, Maven, Eclipse, AJAX, JSP, HTML, CSS, Java Script, XML, Servlets, Design Patterns, Apache POI, Web Services.**

**Client: Marfic Software Solutions - Bangalore, India June 2009– Oct 2010**

**Role: Software Engineer**

**Description:** This project involves developing a J2EE based framework to support dynamic report creation from various distributed databases. The framework supports dynamic PDF report generation using iText, an open source PDF generation library. The framework facilitates new report formats and databases by using xml configuration files.

**Responsibilities:**

* Developed **UNIX shell scripts** for applications and wrote shell scripts for FTP files from one location to another.
* Designed use case diagrams, class diagrams, and sequence diagrams as a part of Design Phase using Rational Rose.
* Developed application implementing **MVC** Architecture integrating **JSF** with **Hibernate** and **Spring** frameworks.
* Responsible for some enhancements to existing project
* Developed the Enterprise **Java Beans** (Stateless Session beans) to handle different transactions such as online funds transfer, bill payments to the service providers.
* Developed deployment descriptors for the **EJB** to deploy on Web Sphere Application Server.
* Developed Web Services for data transfer from client to server and vice versa using **Apache Axis**, **SOAP**.
* Developed **XML** documents and generated **XSL** files for Payment Transaction and Reserve Transaction systems.
* Worked on **AJAX** to develop an interactive Web Application and **JavaScript** for Data Validations.
* Build **ANT** Script for the application and used **Log4J** for debugging.
* Used **JUnit** Framework for the unit testing of all the java classes.

**Environment**: **Jdk 1.5, EJB 2.0, Hibernate, Spring IOC, HTML, JavaScript, XML, CSS, UML, SOAP, Ajax, JUnit, Ant, Eclipse, Linux, MySQL.**

**Education: Bachelor’s in computer science engineering / Acharya Nagarjuna University May- 2009**