**Sekhar A**

412-568-3648

**Java Developer**

[sekhara432@gmail.com](mailto:sekhar8168@gmail.com)

**PROFESSIONAL SUMMARY:**

* Over 8+ years of professional software development experience in **Object-**oriented analysis, design and development of Web Applications using **J2EE** technologies.
* Involved in the Software Development Life Cycle (**SDLC**) phases, which include **Analysis, Design, Implementation, Testing** and **Maintenance.**
* Well versed in using Software development methodologies **Agile Methodology** and **Waterfall** software development processes.
* Very strong on Java concepts, **Restful web Services** and J2EE technologies such as **Servlets, JDBC, JSP, and spring, Hibernate,** XML, XSD, **SOAP**, **WSDL**, HTML, JavaScript, CSS, AJAX, JSON and JUnit.
* Worked on different module of **spring** including **Spring MVC**, **Spring ORM** and **Spring Boot.**
* Proficient in Object Oriented Programming using **Core Java**, **Multi-threading, Synchronization, Serialization, Collections** and **Data Structures.**
* Expert in Core Java, Java EE platform with **Servlets, JSP, JDBC, Hibernate** 3 and **Spring MVC.**
* Experience in integrating Web Center Application with **Spring & Hibernate** frameworks.
* Good working experience with using **Arraylist**, **Map** and **Sets** of **CollectionsAPI** and core Java Concepts like **Exception Handling**, multi-threading.
* Experience on Software Development in **Java,** writing **microservice** applications for a telecommunications system running in a Cloud Foundry environment.
* Experience in**Liferay** Plugins SDK for creating layouts, themes, portlets
* Knowledge of **SOAP UI** testing Experienced with functional web services tests Skilled with creating automated web services testing processes.
* Experience of 2 years in Portal applications development using **Liferay.**
* Hands on experience on working in Linux Environment for improved automation of internal data by shell scripting using scripting languages like **PHP and Perl.**
* Strong knowledge in JAVA Messaging Service **(JMS**).
* Integrated spring with Hibernate using Hibernate Template to perform CRUD operations on database.
* Skilled at writing **DB2**, PL/SQL, **Stored procedures, Functions & Triggers.**
* Expertise in **SQL, PL/SQL** programming. **RDBMS** experience includes **Oracle, MS SQL, and MySQL.**
* Good working knowledge of different IDEs like **My Eclipse 4.x/6.x/7.x, RAD and Net Beans**.
* Experienced in deploying **J2EE** applications on **Apache Tomcat,JBoss** application server and **Web Logic**, **Web Sphere** using **web server.**
* Reported bugs and tracked defects using **JIRA**.
* Very good understanding of **RDBMS, OOPS**and**OOAD.**
* Experience in writing **JUnit test cases** for system testing, Used **Log4j** for logging**.**
* Experienced in working on **UNIX** and **Windows** environment.
* Experience in writing **Ant scripts** for project development and deployment.
* Experience in building and deploying applications using Jenkins Continuous Integration Tool **(CI/CD)**.
* Worked with version control systems like **Clear case, SVN, CVS, GIT,**etc

**TECHNICAL SKILLS:**

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| --- | --- |
| **Java/J2EE Technologies** | Java 1.8/1.7, J2SE, J2EE, JDBC, JSP, Servlets, MVC, SOAP and REST Web Services, JMS, EJB, Jenkins. |
| **Frameworks** | Spring Core, Spring MVC Version 3.2, SOA, Hibernate. |
| **Java Scripts** | Angular.JS, Node.JS, React.Js. |
| **Database** | Oracle (SQL & PLSQL), My SQL |
| **Methodologies** | Agile model, Waterfall model. |
| **Version Control** | SVN, CVS, CLEAR CASE, GIT HUB. |
| **XML Related and Others** | XML, DTD, XSD, XSLT, JAXB, JAXP, XSL, JAXB, SAX, DOM |
| **Web Services** | REST, SOAP, WSDL, UDDI. |
| **Design Patterns** | Singleton, MVC, Façade, Factory, DAO. |
| **IDE** | My Eclipse 4.x/6.x/7.x, RAD and Net Beans |

**EDUCATION**

* **Bachelor of Technology in Computer Science –Jawaharlal Nehru Technological University, India 2009.**

**CERTIFICATIONS**

# Oracle Certified Java Programmer (1.7).

**Experience:**

Client**: Harman/Samsung Mountain View, CA,94043**

**Feb-2016 to present**

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

**Responsibilities:**

* Followed **Agile/ Scrum** methodology to track project progress and participated in Scrum meetings.
* Understanding and analyzing business requirements. Participated in all phases of **SDLC.**
* Involved in designing Use Case diagrams, Class diagrams and Sequence diagrams as a part of design phase.
* Configured Spring framework using the Spring core module to inject dependencies and Spring **ORM** module to use **Hibernate** to persist data into **Oracle** database.
* Involved in designing and developing portlets using **Liferay** Portal and **Spring Framework**
* Developed **RESTful** Web Services using Jersey, **JAX-RS** to perform **CRUD** operations on the database server over **HTTP** and to consume web services for transferring data between different applications.
* Used **Spring Boot** for developing microservices and used **REST** to retrieve data from client-side using **Microservice** architecture.
* Implemented **SpringMVC 3.2**, which includes writing Controller classes for handling requests, processing form submissions and performed validations using Commons validator.
* Migrating existing application into **REST** based **Microservices** to provide all the CRUD capabilities using **Spring Boot.**
* Used extensively the **CMS** solutions of**Liferay** for content management.
* Applied **Spring3 MVC** to transfer data from front-end to middle-tier (username, password, register information, quantity, and credit card number).
* Implemented **DAO** interfaces and Service classes using**JDBC** Template.
* Worked with **Restful** web services integration in **Liferay.**
* Business logic has been implemented using **Arraylist**, **Map** and **Sets** of **CollectionsAPI.**
* Worked on backend logic using **Servlets,Swing, EJB, Hibernate and JDBC.**
* Used **HQL** (Hibernate Query Language) and **Querycriteria** to interact with data base (Oracle 11g).
* Developed **hibernateDAO** lasses to persists objects into database.
* Used Singleton, Session Facade, and **DAO** patterns in implementing the application.
* Used SAX parser for parsing the **XML** documents that are retrieved upon consuming the Web services.
* Extensively worked with **XML** Schemas **(XSD)** for defining **XML** elements and attributes.
* Deployed web components, presentation components and business components in **IBM** WebSphere Application Server.
* Used **SAML** and OAuth to secure web services.
* Involved in developing UI components using **Angular JS** and **JSON** to interact with **RESTful** web services.
* Utilized **JavaScript/jQuery** libraries like **bootstrap** and **AJAX** for form validations and other interactive features.
* Created build environment for**Java** using **Git** and **Maven.**
* Used **Log4J** to write log messages with various levels.
* Developed the test cases with **JUnit** for **Unit** testing of the built components.
* Used **RabbitMQ** as the message broker to convert the entire flow as a **SOA** based architecture.
* Worked on enhancements, change requests and defect fixing. Interacted with product owner and testers.
* Used **Git** for version controlling and regularly pushed the code to **GitHub**, Used for source code maintenance.
* Contributed to standardizing project coding, code review guidelines and checklist.
* Used **JIRA** for issue tracking and project management also used **JIRA** for bug-tracking and project management.
* Involved in production **bugfixes**, analyzing and improving overall application performance Using **JMETER**.
* Deployed applications on **JBoss 6.X**.
* Used **Maven** as a build tool in the application.
* Used Jenkins for Continuous Integration.

**Environment:** Java, J2EE, Hibernate, Spring, Eclipse, Spring MVC,JDBC**,**Life ray, Hibernate, IBM WebSphere, REST(JAX-RS), XML, JSON, CSS, JUnit, RabbitMQ, Maven, Oracle 11g, Angular JS, JavaScript/jQuery, AJAX, JIRA, Jenkins,GIT HUB, Bootstrap, JMETER.

Client: **Deutsche Bank, Jersey City,NJ.**

**Nov-2013 to Dec-2015**

Role: **Java/J2EE Developer**

**Responsibilities:**

* Involved in gathering and analyzing business requirements and converting them into technical specifications, and followed **Agile** Methodologies to produce high quality software.
* Developed web pages using spring framework (**Spring MVC, Spring IOC, Spring Batch**).
* Worked on writing **micro services** using **Spring batch.**
* Used **Spring MVC** as the **middle-tier** framework to handle request from the front-end to the back-end.
* Working with [**Spring Security**](https://docs.spring.io/spring-security/site/docs/3.0.x/reference/springsecurity-single.html) has improved support substantially for adding security to your service layer methods.
* Developed **Hibernate Dao** Classes using Spring **JDBC** Template, Worked with **Hibernate** for object relational mapping and connection management.
* Implemented persistence layer using Custom **JDBC** **DAOs** to handle **CRUD** operations
* Involved in creating the Hibernate**POJO** Objects and mapped using Hibernate Annotations.
* Used **Multithreading** to do the application development and for running the different tasks at the same time.
* Involved in database development by creating **OraclePL/SQL** Functions, Procedures, Triggers, and Packages.
* Developed **Web services** modules based on SOA architecture.
* Implemented **RESTFUL** web service for Database functionalities to **Create Insert Update Delete** data, and developed Web service using **Restful** and **JSON.**
* Upgraded **Oracle** **10g to 11g** software in different environments for latest features and also tested databases.
* Developed SQL queries for extracting data from production database and built **data structures**, reports.
* **Used Various Data Structures (Stack, queue, LinkedList**) and algorithms to hold the performance data.
* Communicated with other departments by using Web Services with the help of **JAX-RS**.
* Used **UML modeling** diagrams to describe the structure and behavior of the system.
* Used **Swing, Angular.JS, Node.Js, HTML, CSS3 and Custom Java Tag Library** forUI module**.**
* Developer **custom validations** to validate data of UI components at server side.
* Used **SVN**version control tool for source code maintenance.
* Deployed applications on **Apache Tomcat Server**.
* Involved in production **bugfixes**, analyzing and improving overall application performance Using **Load Runner**
* Used **Maven** as a build tool in the application.
* Used**log4j** for generating the log files for all the applications.

**Environment: Java**, **Spring**, **JPA**, **Hibernate**, Web services,JDBC, HTML, CSS, JavaScript, AngularJS, JSON, Bootstrap, JQuery, **Servlets**, JSP, AJAX, JavaScript, PL/SQL, SOAPUI, SOA,SVN, Spring MVC, Web Services, **SOAP**, **REST**, **JSF**, **JAXB**, **WSDL**, **XSD**,XML, SQL,**Eclipse**, GIT.

Client: **Velsicol chemical corp, Rosemont, IL**

**Feb-2012 to Oct-2013**

Role: **Java/J2EE Developer**

**Responsibilities**:

* Involved in complete **Agile, SDLC** methodology - Requirement Analysis, Development, System and Integration Testing including Scrum, sprints, and retrospectives.
* Gathered and analyzed the requirements and designed class diagrams, sequence diagrams using **UML**.
* Worked closely with a Java oriented team to introduce sprints to the development cycle.
* Developed admin logging **(GUI)** for Customer Service application to extract the customer details. Implemented this based on **Spring MVC** framework using Transaction management concept and **JSP** for presentation layer.
* Designed using **MVC** frameworks using **spring** with **Hibernate**on the enterprise tier in ongoing project modules.
* Implemented the **middle tier** using spring framework with the Hibernate ORM framework. Made use of **Hibernate DAO** Support features for bean management and transaction management to gain clear logic and efficiency.
* Developed the DAO layer for the application using **Hibernate** and developed various logics and reports using **HQL** and Hibernate criteria.
* Involved in using **JPA** (Java Persistence API) frameworks and APIs such as **JDO** (Java Data Objects) and **Hibernate.**
* Created and configured Data Sources for database connectivity & **JMS** resources.
* Improved user experience by designing and creating new web components and multi-tier applications, design patterns using **Java** ,**J2EE**, **JSP**, **EJB**, **JSF**,**JavaScript**, **Swing Servlets**, **JAXB**.
* Developed the **RESTFUL** Web Services using **JAX-RS API,** Spring MVC Rest Controller, annotations to represent different data formats.
* Used **Angular.JS, SOAP, WSDL, HTML and Custom Java Tag Library** forUI module.
* Used **JIRA** for issue tracking and project management.
* Build **Docker** Images and launch container in dev and test servers.
* Extensively used **JQuery** in implementing various GUI components in application portal.
* Deployed **J2EE applications** on **WebSphere** web server.
* Developed automated build server utilizing **Maven** and **Ant**.
* Developed integration and unit tests using **Mockito.**
* Manage daily production deployments, cut release candidates and build branches using **Jenkins.**
* Used **CVS** version control tool.

**Environment:** HTML, CSS, Agile methodology, Mockito, spring,WebSphere, JDBC, jQuery, JSF, Hibernate, **Angular.JS**, J2EE, JSF, JSP, Servlets, Ant, Maven, Restful Web Services, Eclipse, JUnit, CVS, Jenkins.

Client: **Aetna, Hartford, CT**

**Sep-2010 to Jan-2012**

Role**: Java/J2EE Developer**

**Responsibilities**:

* Involved in the complete Software Development Life Cycle following **Agile** Methodologies including Requirement Analysis, Design, Implementation, Testing and Maintenance.
* Developed the entire application implementing **MVC Architecture** integrating **JSF** with **Hibernate** and **spring frameworks**.
* Implemented **Spring MVC** Controller module for better handling of client request, consume Restful data service and sending response back to client.
* Integrated **Spring Boot** with **Hibernate** using configurations and implemented **DAO** layer to save entities into data base.
* Built data-driven Web applications with server side J2EE technologies like **Servlets**/**JSP** and generated dynamic Web pages with Java Server Pages (**JSP**).
* Used Connection Pooling to get **JDBCconnection** and **accessdatabase** procedures.
* Developed data conversion procedures in **PL/SQL** Involved in maintaining batch processing **PL/SQL** procedures for data extraction for feed creation.
* Enforced **SQL injection** techniques to avoid unauthorized breaks to the data access.
* Developed Client applications to consume the Web services based on both **SOAP** and **REST** protocol.
* Used Core Java, **data structures (Stack, queue, LinkedList) , algorithms,** Object Oriented Design (OOD) and Java concepts such as OOP Concepts, Collections Framework, Exception Handling, I/O System and Multi-Threading.
* Used **AJAX & JSON** communication for accessing Restful web services data payload
* Developed user interfaces using **JSPs**, **Struts**, **HTML**, **XHTML**, **DHTML**, **CSS**, **JavaScript**, **JSP** Custom Tags.
* Worked on **JavaScript** and **Browser Cache** mechanism for storing and retrieving data for the website.
* Installation, configuring and troubleshooting on Jenkins on **UNIX/Linux** environments
* Wrote number of test cases using **JUnit** for testing.
* Familiar with multiple scripting languages necessary for IT System Administration including **Perl, Python,** Bash and Windows PowerShell.
* Used **python and perl**to update content in the database and manipulate files.
* Deployed the application in **Apache Tomcat** Application Server.
* Involved in unit testing and integration testing of each and every module.
* Used **SVN** Version control tool.
* Utilized **log4j** for logging purposes and debug the application.

**Environment**: Java, UML, Spring, spring taglibs, Eclipse, Maven, Oracle, Apache Tomcat, JSP, JQuery, Servlets, JDBC, Hibernate, SVN, Spring, XML, XSLT, CSS, Oracle, HTML, PL/SQL JavaScript, JSON, JUnit, Log4j, Agile.

**Client: Cognos IT solutions, Hyderabad**

**June-2009to July-2010**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in the complete Software Development Life Cycle **(SDLC)** including Requirement Analysis, Design, Implementation, Testing and Maintenance.
* Involved in check in java versioning into **SCM** repository.
* Used **UML modeling** diagrams to describe the structure and behavior of the system.
* Utilized **pair programming** approach to ensure high quality code.
* Applied design patterns including **MVC** Pattern, **Façade Pattern**, **Abstract FactoryPattern**, **DAO Pattern** and **Singleton**.
* Developed **Java Classes** for implementation of **Persistence of objects** and Caching of Data using **JDBC, JNDI**.
* Used **JSP, JS, JQuery, Servlets, EJB, CSS, Struts.**
* Developed user interfaces using **JSPs, Struts, HTML, CSS, JavaScript, JSP Custom Tags**.
* Used Connection Pooling to get **JDBCconnection** and **accessdatabase** procedures.
* Installed and Created Database, Tables, Views, index**, ER Diagram, SQL, PL/SQL**, Stored procedure, package, function, Trigger to populate and maintain the **MS SQL Server 2008, MySQL.**
* Involved in **Unit Testing, Integration Testing**, and **System Testing**, used **JUnit** framework.
* Converted the mock-ups into hand-written **HTML, CSS 2, XHTML, JavaScript, JQUERY, AJAX, XML and JSON.**
* Handling cross browser/platform compatibility issues (**IE, Firefox, and Safari, chrome**) on both Windows.
* Deployed the application in **JBoss** Application Server.
* Used **SVN** for version control and **Log4J** to store log messages.

**Environment:** Java 1.5, J2EE, JSP, Struts, JavaScript,**JBoss**, AJAX, HTML, CSS, JDBC, Eclipse, Restful Web Services, AngularJS, WSDL, Windows, JSF, SOA, JSON, Design patterns, JUnit, JQuery, SOAP.