**SAI KUMAR**

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**JAVA/J2EE DEVELOPER (860)-578-4910**

**PROFESSIONAL SUMMARY:**

* Around 7years of experience in Software Analysis, Design, Development, Implementation and Testing of web based Enterprise applications using Java/J2EE technology stack.
* Experienced in all phases of Software development life cycle (SDLC) and have rich experience working with software development methodologies. Extensive Knowledge on J2EE Architecture.
* Extensive knowledge in working with Core Java,J2EE technologies such as **Servlets, JSP, JSTL, JDBC, EJB, Java Beans, JMS** and**Object-Oriented Programming techniques**.
* Specialization in developing applications using **JAVA, J2EE, JSF, Hibernate, Spring, Struts, Axis Framework, JPA, XML, XSLT** and **Web Services**.
* Experience in developing both **SOAP** and **REST** based web services. Developed both producer and client modules in various applications.
* Expertise in implementing **Microservices**, **Service Oriented Architectures SOA** with **XML based Web Services** SOAP/UDDI/WSDL.
* Strong hands-on experience using **Spring MVC Controllers, Inversion of Control(IOC), Spring Boot, Spring Aspect Oriented Programming(AOP), Spring JMS, Spring Data JPA, Spring DAO, Spring Cloud, Spring Security, Spring JDBC**.
* Good knowledge on **Spring Batch** for better transaction management.
* Extensively experienced in using design patterns such as **Session Façade, Factory Pattern, Singleton, Data Access Object** and **Service Locator**.
* Experienced in using Java IDE tools like Eclipse, IntelliJ, Net Beans.
* Set up, configured, and maintained multiple web/application servers like **Apache Tomcat, JBoss, IBM WebSphere, BEA WebLogic.**
* Experience in client-side Front End (GUI) Development using **HTML, CSS, JavaScript, AJAX, JSP, jQuery, Angular2, Bootstrap**.
* Good Understanding of RDBMS through Database Design, writing queries using databases like Oracle, SQL Server, DB2 and MySQL.
* Used Functional Programming by developing Lambda Expressions.
* Expertise with operating systems **UNIX** and **Windows** environments.
* Experience using build tools like **Ant, Maven.**
* Good working knowledge on **Git, SVN** and **Clear Case**for version control.
* Experienced in using agile approaches, including Extreme Programming, Test-Driven Development and Agile Scrum.
* Good experience on DevOps tools like Jenkins, Docker etc.
* Experienced with Testing Frameworks like **JUnit Testing** and **Mockito**.
* Extensive knowledge in using logging frameworks like **Log4j** and **Logback**.
* Worked on Atlassian products like **Jira, Bitbucket, HipChat** for Issue tracking, release management, Code review and documentation.
* Developed Use Case Model, Use Case diagrams, Class diagrams, Sequence diagrams, Collaboration diagrams, State chart diagram and Activity diagrams using Rational Rose.

**TECHNICAL SKILLS:**

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| **Programming Languages:** | C, C++, JAVA |
| **J2EE Technologies:** | EJB 3.0, Servlets, JSP 1.2/2.0,JSTL, JDBC, JSF, JMS |
| **Web Technologies:** | HTML, CSS, JavaScript, Angular2, Bootstrap, XML, DOM, AJAX, Node.js, NPM, jQuery |
| **IDE Tools:** | Eclipse, IntelliJ, Visual Studio Code |
| **Design Pattern:** | Session Façade, Factory Pattern, Singleton, Data Access Object, Service Locator. |
| **Application/Web Server:** | IBM Web Sphere, Web Logic 12, JBoss, Tomcat |
| **Databases:** | Oracle 11g, DB2, MS SQL Server 2005/2008, MySQL |
| **Methodologies:** | Agile Scrum, Waterfall |
| **Operating Systems:** | Windows XP/7, RedHat Linux, Unix |
| **Frameworks:** | Struts, Spring MVC, Spring Boot, Spring Data JPA, Spring DAO, Spring AOP, Spring Security, Spring JDBC, Spring Batch, Hibernate, JUnit, TestNG, Log4j |
| **Other Tools** | Jenkins, Postman, Jersey, Putty, ANT, Maven, Clear Case, Clear Quest, Selenium, IBM MQ |

**WORK EXPERIENCE**

**Client**:Blue Shield of California, El Dorado Hills, CA **September 2016 to Present**

**Role**:Java/J2EE Developer

**Project Description:** A full-service health care billing company focusing on anesthesiology. Our project was to perform End to End Migration Automation. Integrate to client metadata and gather all client Meta-Data about ownership. Provide data for notification, scheduling, and Planning.

**Responsibilities**:

* Involved in Requirements gathering, Analysis and Design of the application.
* Used Agile Methodology with daily Stand-up meetings.
* Used **Spring Core** Annotations for Dependency Injection and **Spring Boot** for Microservices.
* Involved in the implementation of models and repositories using **Spring Data JPA** for CRUD operations and other custom queries.
* Added Security for the service layer methods using **Spring Security**.
* Involved in providing Authentication using **OAuth2**,**JWT** Tokens and Implement API Authorization to secure API’s by granting authority to users.
* Configured **Single Sign-On** with Microsoft Active Directory Federation Services (ADFS) Identity Provider using Security Assertion Markup Language (SAML).
* Implemented **Auditing** for REST API’s and HTTP verbs using **Spring AOP** and **Hibernate Interceptor**.
* Produced and consumed **RESTful** Web Services.
* Generated **Jasper Report** and integrate it with front-end and export it to Excel Sheet.
* Built high performing Java **Spring batch** modules to load and process batch automations.
* Developed **JPA** mapping to the Database tables to access the data from the database.
* Extensive usage of **Hibernate** to minimize database access with smart fetching strategies.
* Developed user interfaces using **HTML, CSS, JavaScript, Angular2, Bootstrap**.
* Worked on **Angular2** to develop Components, Angular Services, Routing, Data Binding, custom directives and **AJAX** calls to interact with REST API’s.
* Used HTTP Interceptor which is in local storage as the Authorizationheader in any HTTP request that is sent to REST API’s.
* Designed and developed the application to be responsive using CSS and Bootstrap.
* Extensive client-side / server-side validation scripts are written in **JavaScript** and **AJAX**.
* Involved extensively in writing **SQL** and **PL/SQL** Stored Procedures and Functions.
* Usage of REST to transfer XML, JavaScript Object Nation (JSON).
* Deployed application in **TomcatServer** in production environments.
* CI/CD using **Jenkins** for nightly builds and send automatic emails to the team.
* Debugged, reported, tracked and verified bugs in **JIRA**.
* Used **GIT** Version Control for Project Configuration Management.
* Used **Selenium** for web browser automation.
* Used **Maven** as build tool and**Eclipse**as a development tool.

**Environment**: Java 8, J2EE, Core Java, Microservices, Spring Boot, Spring Security, Spring IOC, Spring Data JPA, Spring Data REST,Spring AOP, Hibernate, JAX-RS, JAX-WS, Jersey, HTML, CSS, JavaScript, Angular2, Bootstrap,Node.js, AJAX, JSON, JIRA, TomcatApplication Server, Git, Docker, Selenium, MySQL, Jenkins, PL/SQL, Postman,Maven, Eclipse.

**Client**: Capital One, Richmond, VA **December 2015 to August 2016**

**Role**: Java/J2EE Developer

**Project Description**: Web based enterprise application that offers services to member banks to assist their cardholders with credit card transaction disputes. The application provides functionality that benefits member banks and allows them to provide accurate answers and quick service to cardholders.

**Responsibilities**:

* Involved in Requirements gathering, analysis and design and documentation as the application was started from scratch.
* Effectively developed **Action classes, Action forms, JSP, JSF** and other configuration files like**web.xml**.
* Integrated **Spring framework** with **Hibernate** that is used for Database operations.
* Implemented **Spring Security** for the Rest services.
* Implemented Business layer components using Spring framework with **IOC**, which is part of Enterprise integration.
* Involved in loading and storing objects using **Hibernate**.
* Implemented Data Access Layer using ORM Hibernate with standard HQL Queries.
* Developed mappings between tables and **POJO** using Hibernate
* Used Apache **Tomcat** as application server to build the web applications.
* Created **RESTful WebServices** for external clients and resellers by reusing existing components.
* Developed User Interface having animations and effects using **JSF, Bootstrap, JavaScript, AngularJS and HTML**.
* Wrote **AngularJS** controllers, views, and services for new website feature.
* Involved in Java **multithreading** to cascade multiple changes on multiple records in only one transaction and developed a batch process framework.
* Implemented Hibernate in the data access object layer to access and update information in the **Oracle Database**.
* Used **JSF framework** with **AJAX** in developing user interfaces using JSF UI Components, RIA components, Validator, Events and Listeners.
* Used **JMS** (Asynchronous/Synchronous) for sending and getting messages from the MQ Series.
* Used **SOAPUI** for the functional testing and inspection and invocation of Spring based WebServices.
* Designed and implemented logging framework using **LogBack**.
* For CI/CD used **Jenkins** mainly to generate and send automatic emails regarding updates on project.
* Involved in Automation Infrastructure Development using **Selenium**.
* Debugged, reported, tracked and verified bugs in **JIRA**.
* Responsible for Developing **Junit Test Case** to Unit Test the Services outside the server.

**Environment**: JDK 1.6, J2EE, Tomcat, Servlets, Spring, Spring security, Spring Boot, Hibernate, Oracle, PL/SQL, JAXB, IBM MQ Series, Restful,Jersey, JSON, JSP, JSTL, JSF, XML, XSL, XSLT, CSS, PVCS, JavaScript, Bootstrap, AngularJS, Node.js, AJAX, MVC, HTML, Jira, Multi-threading, Eclipse, JUnit, LogBack, Postman, UNIX, Bitbucket, Selenium, Jenkins, CI/CD, HipChat.

**Client**: UnitedHealth Group, St. Louis, MO**October 2013 to November2015**

**Role**: Java Developer

**Project Description:**UHG is into health insurance providing health insurance to different types of customers varying from individuals to companies. They have got variety of Insurance Plans which are applicable for different customers. Clinical Healthcare Applications (CHA), which deals with confidential patient Information.

**Responsibilities**:

* Developed technical design documents (TDD) prior to code development.
* Involved in most of the UI and Business level enhancements in Web based UI application.
* Implemented the application using **Spring Security** and **Spring MVC Framework** which is based on MVC design pattern.
* Involved in Coding and testing of Java features using **JSP**, and **web services**.
* Followed the Java coding standards for scalability, reusability and ease of maintenance. Used spring framework along with **Servlets, HTML, CSS, AngularJS, JavaScript** and **Bootstrap** to construct dynamic web pages.
* Created/deployed web services utilizing Stateless Session **EJBs**.
* Created and consumed **SOAP** based web services to expose business operations.
* Develop the User Interface Screens for presentation using **JSP** and **HTML5**.
* Developed the DAO layer for the application using **Spring**, **Hibernate** Template support.
* Used **Hibernate** Query Language (HQL) for accessing data from Database.
* Collaborating with the application developers in data modeling and E-R design of the systems.
* Consumed services from various clients using **SOAP** and **WSDL**.
* Developed **Maven** scripts to build and deploy the application in the **JBoss Application Server**.
* Created **HipChat** chat sessions for various user stories and **Jira** issues.
* Write the SQL queries for **CRUD operations**, and **Stored Procedures**.
* Used **Logback** for tracking errors and debugging the code.
* Develop build scripts using **ANT** for the build and deployment.
* Used **Agile** methodologies to plan work for every iteration and used **Jenkins**continuous integration tool to make the build passes before deploying the code to other environments.
* Coded Test Classes using **JUnit**for Unit Testing.
* Used **Team Foundation Server** (TFS) for software version controlling system.

**Environment**: J2EE, Core Java, Hibernate, DB2, Spring MVC, JPA, SOAP, REST Web Services, JBPM, Eclipse, HTML, Java Script, AngularJS, jQuery, Bootstrap, Jira, XML, JSON, Jersey, JBoss Application Server, Log4j, HipChat, Oracle, PL/SQL, JUnit, Jenkins, Mockito, ANT, Logback, TFS.

**Client**: Sonata Software, India **September 2012 to October 2013**

**Role**: Java Developer

**Project Description**: Sonata Software is a leading provider of software and services that enables organizations with the ability to harness network, device and channel capabilities to improve service delivery and customer engagement.

**Responsibilities**:

* Involved in the design & development of business module applications using J2EE technologies like **Servlets, Spring**.
* Developed **SessionBeans** and **Entity Beans** (JPA).
* Involved in the J2SE technologies like **Core Java, RMI**.
* Developed and worked on Procedures and Function in **PL/SQL**.
* Implemented WebServices using **SOAP** and **Restful**.
* Used **Spring IOC** for dependency Injection.
* Consumed and Produced backend Restful applications
* Involved in Integrating databases with **Hibernate** (ORM).
* Implemented **Multithreading**.
* Developed Client web services to interact between SFG and CFG using SOAP over HTTP protocol
* Deployed web application in **Tomcat Application Server**.
* Used Java Naming/Directory Interface (**JNDI**), and **JDBC** connection pooling to access the product information from the database tables.
* Used **Log4j** for logging the activities of the applications.
* Used **GitHub** for version controlling.

**Environment**: Core Java, C++, JSP, Ajax, Hibernate, Spring, Spring IOC, JNDI, SOAP, Agile, XML, Oracle 10g, PL/SQL, GitHub, Eclipse IDE, Tomcat, Maven, log4j, Multithreading, and Windows XP.

**Client**:JNET Technologies, India **December 2011 to August 2012**

**Role**:Jr.Java Developer

**Project Description:** Web Host Management is designed with multiple levels of administration including admin, reseller, end user, and email-based interfaces. These multiple levels provide security, ease of use, and flexibility for everyone from the server administrator to the email account user.

**Responsibilities**:

* Involved in Analysis, Design, and implementation/translation of business user requirements.
* Actively participated in the daily SCRUM meetings to produce quality deliverables within time.
* Designed and developed the application using agile methodology.
* Developed Web Services to allow communication between applications through SOAP over HTTP using **Apache Axis2**.
* Extensively worked with struts for middle tier development with **Hibernate as ORM.**
* Developed complex **JAX-RS** and **SOAP** based Web services to suit the requirement.
* Involved in Database design and developing **SQL** Queries, stored procedures on **MySQL**.
* Setting & configuring web application modules like Registration and creation of Accounts on web server.
* Designed and implemented application using **JSP, Struts, JNDI, Hibernate, JDBC, SQL, ANT, JMS.**
* Used **WebSphere Application server** for deploying the application.
* Automate build process by writing **ANT build scripts**.
* Wrote SQL queries, stored procedures, modifications to existing database structure as required for addition of new features using Oracle database.
* Involved in installing and configuring **IntelliJ and Maven** for development.
* Developed various UML diagrams like use cases, class diagrams and activity diagrams.
* Used **Log4J** for logging and **JUnit** for unit testing.

**Environment:** Java, C++, SOAP Web Services, IntelliJ, Struts 2.0, Hibernate 3.0, JSP 2.0, JDBC 4.0, Servlets, WebSphere Application Server 6.0, JMS, XML/XSL, MySQL, Server, Agile, EJB, ANT, Bootstrap, Apache Axis2, Maven, Log4J, JUnit.