**Sai Ravipati**

**Sr. Java Developer**

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**Summary of Expertise:**

* Having 7+ years of IT experience in various applications design, development, implementation and maintenance of Web based n-tier architecture systems using **Java/J2EE for enterprise applications.**
* **Good working knowledge of Extreme Programming using Agile, Waterfall methodology, KANBAN** with iterative and incremental software development
* Experience in **Java, JavaScript, CSS3, html5, Angular JS, jQuery, and AJAX**
* Extensive experience in designing both Front end & Backend applications **using Java, J2EE Web frameworks, JSP, JSTL, HTML, CSS, Angular JS, JSON, RMI, AJAX, JavaScript, jQuery, Bootstrap**
* Extensive experience in various **Java/J2EE technologies** including Core Java, J2EE, Servlets, JSP, JDBC, Struts, spring and Hibernate
* Extensive Experience working with **Spring, Struts, JSF, Prime Faces 3.4 and O/R mapping Hibernate frameworks**
* Extensive experience in architecture, design and building Complex Business components, developing Multi-Tier Web Applications and Server-side Business Logic using **Java, J2EE, XML, IBM Web Sphere, Apache Tomcat, J Boss, Web Logic, JSP, Spring, Struts, Hibernate, Web Services (JAX-RS, JAX-WS), JDBC, PL/SQL, AJAX, JMS, Maven, Log4J, HTML, JavaScript**
* Expertise in application development using **MEAN stack (MongoDB, Express js, Angular js and Node js)**
* Having extensive experience on developing modules using **Micro Services**.
* Having experience in Spring MVC, Spring Data JPA, Spring Security, Spring Core, Spring Data Rest, Spring Batch Spring JDBC modules.
* Having experience in Producing and Consuming Web services using **Soap** and **Restful services**
* Experience in Designing and developing client's website screens and front-end widgets using **React js and Node.js, NPM stack**
* Experience in using J**enkins** as the build automation tool and responsible for writing the Rundeck scripts. to make the automation scripts
* Familiar with OWASP protocols and used SQL MAP and ZAP tools
* Experienced on use of functional programming, lambda expressions, and additional Java 8 features.
* **Hands on experience on Git-Stash, Jira** for continuous integration and continuous delivery
* Experience in implementing design patterns such as Singleton, Factory Pattern, Business Delegate and Data Access Object (DAO)
* Proficiency in developing Web applications using **Servlets, JSP, JDBC, EJB2.0/3.0, web services using JAX-WS2.0 and JAX-RS APIS**
* Good Exposure to work on Frame Work using **Struts MVC Architecture**
* Involved in using Core java concepts - Collections, Exception Handling, Multithreading, Concurrency, Serialization and Java 1.8 features
* Worked as core technical team member for analysis of requirements, design, development, unit and integration testing
* **Designed and developed Microservices platform** to support a multitude of enterprise level applications
* Deployed **micro-services as restful Java Web Services on Amazon Elastic Beanstalk**. Used AmazonS3 for configuration files
* Excellent communication, analytical, Interpersonal, presentation skills and capable to meet tight deadlines and team spirits

**EDUCATION:**

**Bachelors in Software Engineering**

SRM Institute of Science and Technology, India (2010 – 2014)

**Masters in Computer Science**

University of Texas at Dallas, Dallas, Texas (2018 - 2020)

**Technical Expertise:**

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| * **Core Java with OOPs concepts, Swings, JavaFX, Multi-threading, Exception Handling, IO-Streams and Collections, Data structures and Generics** |
| * **J2EE, JDBC, JSP, Servlets, Freesheets, JavaBeans, JSTL, HTML, Hibernate, JTA, JavaScript, J- Query, AJAX, CSS, JAXB, Spring-Core, Spring- MVC, Spring AOP, Spring-Security, Spring Boot with Spring Batch** |
| * **Web Services using – Restful, SOAP, WSDL and developing DTDs, XSD schema for XML** |
| * **Design patterns, Spring Core, Spring MVC framework, Hibernate and Messaging Middle ware** |
| * **using JMS** |
| * **ANT and MAVEN automated build scripts** |
| * **JUnit, Mockito Junit and Selenium testing** |
| * **UI Designing – HTML, HTML5, CSS, JavaScript, AJAX, jQuery, DOJO, React JS, AngularJS** |
| * **Development Tools - IBM RAD, IBM RSA, Eclipse and Net beans** |
| * **Shell scripting in Red-hat, Ubuntu and Mac Operating systems** |
| * **Writing the SQL and PL/SQL queries on ORACLE, IBM DB2 9.x,10.x, MySQL** |
| * **SQL Client Tools like DB2 Control Center, IBM Data Studio, TOAD, Squirrel SQL,** |
| * **NOSQL on MongoDB database (JSON format DB)** |
| * **Servers IBM Web-sphere Application Servers, Apache Tomcat6/7/8, JBoss & BEA Web Logic** |
| * **Cloud Computing on IBM Cloud (Soft Layer) and Amazon Web Services (AWS)** |
| * **Jenkins for Continues Integration** |
| * **Java Application setup file building for Linux .DEB &. RPM, for Mac. PKG and for Windows .EXE** |
| * **Worked on Docker Virtual Box with RHEL-Image and Debian-Image for creating. RPM and. DE packaging** |

**Summary of Expertise:**

**USAA Insurance Dallas, TX – USA**

**Sr. Full Stack Java Developer Aug 2020 - Till Date**

**Responsibilities:**

* Developed and configured page routing and called **Rest service using $http service** components
* Built Web pages that are more user-interactive using AJAX, JavaScript, and Reactjs
* Participated in development of a well responsive single page application using Reactjs framework.
* Developed Microservices using **Spring MVC, Spring Boot, Spring Cloud**
* Used a Microservices architecture, with Spring Boot-based services interacting through a combination of REST and Spring Boot
* Extensively involved in business requirements gathering and technical and functional walk-through meetings
* Developed and configured page routing and called **Rest service using $http service** components
* Used spring's test framework to create integration tests for various spring controllers to test our API using unit tests.
* Implemented **RESTful Web services** to retrieve data from client side and made REST API calls from Node JS, parsed the data to project to client and handled the security and Authorization using Spring Security or OAuth.
* **Heroku** Platform used for deploying the code and testing the environments
* Used groovy scripts to enhance functionality for services
* Maintained high-quality RESTful services and implemented REST web Services using Spring MVC and JAX-RS.
* Develop automation and processes to enable teams to deploy, manage, configure, scale and monitor their applications in an Enterprise **Pivotal Cloud Foundry**(PCF) installation on vSphere.
* Automate configuration and deployment of PaaS products, PCF, on our cloud platform solutions.
* Hands on experience with database design in both **SQL** and **POSTGRESQL** databases
* Create SQL queries to join tables, aggregate data and modified PL/SQL queries to match the business requirements.
* Implemented OWASP protocols using SQL Map tool to identify security loopholes
* Used Selenium for performing automated testing.
* Implemented Restful web services to perform simple business operations
* Used Oracle and MongoDB/No SQL Server as backend database systems
* Designed and created database tables, constraints as per the application requirements
* Developed **JSOUP** Cross Site Scripting (XSS), Cross-Site Request Forgery (CSRF) prevention mechanisms and session hijacking prevention methods and security vulnerabilities
* Followed Agile development methodology while developing the application
* Involved in **performance tuning**, query optimization, maintaining coding standards and resolving JVM issues
* Prepared and **developed acceptance test case scenarios in the application**
* Implemented integration test cases using Cucumber/Jenkins framework
* Used Jenkin jobs for building and deploying **(CI/CD)** the application into app server
* Involved in **DevOps** to configure Maven, **GitHub**, **Docker** and **AWS** to build and deploy pipeline in Jenkins
* Knowledge of techniques used in **Angular4** with the help of Typescript
* Involved in developing UI pages using $http in **Angular4** for calling the Rest API from Backend.
* Implemented Services and Dependency Injection in **Angular4** to connect the web application to back-end APIs and for sharing the code between the components.

**Environment:** Java 8, J2ee, JSP, Servlets, HTML5, AJAX, jQuery, Angular JS, Grunt, NPM, Node.js, JSON, Bootstrap, Spring, Hibernate, Web Services, SOAP, REST, SQL, PL/SQL, XML, XSD, JAXB, JavaScript, Python ̧ Web Sphere 8.x, WAS, Maven, GIT, DevOps, SQL Developer, PostgreSQL, Oracle, COBOL, CICS, UML, Blaze Advisor, RMA, JUnit, Protractor, Cucumber, Mockito, JMeter, JIRA, Jenkins, Log4j, Sonar, AWS (Amazon Web Services), EC2, S3, IAM, Docker, Cloud Watch

**Globe Life Insurance, Mckinney, TX**

**Full Stack Java Developer May 2019 – May 2020**

**Responsibilities:**

* Used Eclipse as IDE, configured and deployed the application onto **Tomcat** application server using Maven build scripts to automate the build and deployment
* Developed UI components using Angular JS, Node JS, JavaScript, JSP, Html tags, CSS, Ajax and jQuery
* Used Eclipse as IDE, configured and deployed the application onto **Tomcat** application server using Maven build scripts to automate the build and deployment
* Designed and developed various modules of the application with J2EE design architecture and frameworks like Spring **MVC architecture** and Spring Bean Factory using **IOC, AOP** concepts
* Used **REST** methodology using **HTTP** Handlers in developing Web Service replication interface for setting up data feeds for content transportation in **XML** and **JSON** formats
* Involved in integrating **JAX-RS** into Spring Boot application
* Achieved synchronization of multiple threads through Multithreading and Exception Handling
* Developed interfaces/APIs in Java to interact with various backend system
* Created web services using Spring @Rest Controller to return **JSON** to the frontend
* Involved in writing **Spring Configuration** XML, file that contains declarations and business classes are wired-up to the frontend managed beans using **Spring IOC** pattern
* Implemented the application using Spring IOC, Spring **MVC Framework**, Spring Batch and handled the security using Spring Security
* Implemented **jQuery and AJAX calls to retrieve JSON** data from the database on the fly via Rest API
* Extensively used and implemented Interfaces, OOP concepts, Collections, Exceptional Handling, JVM, Garbage collections, Multi-threading, Compositions and aggregations
* Implemented Spring Services and business operations using **Dependency Injection**
* Used Spring JDBC to perform data base activities and transactions management
* Involved in the configuration of **Spring Framework** modules
* Used different design patterns for building **scalable, robust application modules**
* Used multithreading in programming to improve overall performance using Singleton design pattern in **Hibernate** Utility class
* Implemented Micro Services based **Cloud Architecture** on **AWS** Platform and Cloud Foundry
* Implemented and maintained monitoring and alerting of production and corporate servers such as **EC2** and storage such as S3 buckets using **AWS**
* Designed and developed Multi-threading applications for concurrency control and Synchronization
* Developed **Rest Controllers** to interact with Ajax calls and Spring services
* Designed and developed **Microservices** architectures and components in the applications
* Implemented the application modules using **Spring Boot, Spring Core, Spring Security, Spring AOP, Spring MVC, Spring JDBC, Spring Batch** in order to develop the application
* Implemented service methods and **SQL** queries, PL/SQL to interact with the **Oracle** DBM
* Implemented **SQL injection security checks**, html sanitization and other security mechanisms
* Developed OWASP Cross Site Scripting (XSS), Cross-Site Request Forgery (CSRF) prevention mechanisms and session hijacking prevention methods and security vulnerabilities

**Environment:** Java-J2EE, JDK 1.7, JSP, Servlets, Spring, Struts, AWS, Hibernate 3.5, JPA, Restful Web services, Json, Jersey 1.9, Sybase, PL/SQL, Unix, Shell Scripting, Apache Tiles, Node J, Angular jess, Collections, JIRA, HTML, CSS, XML, Http, Maven, Subversion, Web Logic 10.3.6, Agile and Scrum Methodology

**Standard and Poor’s Global, Hyderabad, India**

**Java Developer II July 2014 – July 2018**

**Responsibilities:**

* Designed, developed a custom single page application using AngularJS, React JS and created services, factories, models, controllers, views
* Used Dependency Injection feature of spring framework and **AngularJS** for rapid development and ease of maintenance
* Extensively involved in business requirements gathering and technical and functional walk-through meetings
* Used **HTML5, CSS3, JavaScript, jQuery, AngularJS and JSON and bootstrap** for developing **responsive single page applications**
* Developed single page responsive design application using **AngularJS**
* Used and implemented AngularJS Directives, Filters, Controllers, Services and Expressions for developing client- side widgets, validations and client-side business logic using javascript
* Developed reusable custom Directives, Services for AngularJS
* Custom Validations on various input fields using angular directives
* Used **HTML, CSS, Java Script, AJAX, JSON, XML and JQUERY** for developing the application to interact with APIs, Web Services
* Implemented Restful web services to perform simple business operations
* Used Oracle and MongoDB/No SQL Server as backend database systems
* Designed and created database tables, constraints as per the application requirements
* Used spring **Object relational mapping** (ORM) and hibernate for persistence in Oracle
* Extensively used Hibernate in data access layer to access and update information from the Oracle database
* Implemented **Micro services architecture** using Spring Boot for making application smaller and independent
* Designed and developed the REST based Micro services using the **Spring Boot**
* Used **Oracle 10g** as the back-end database to store the data
* Expertise in coding optimized SQL queries on databases like DB2 and Oracle
* Developed components utilizing spring framework modules (IOC, AOP, MVC etc.)
* Integrated Spring with **Hibernate** and made as Spring bean using Hibernate Template
* Used Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST API s and Spring Boot for microservices
* Used Spring **AOP** to handle transactions session aspects and to implement security
* Implemented integration test cases using Cucumber/Jenkins framework
* Developed Cucumber test cases using Feature, Scenario and Steps format
* Used and worked on JMeter for performance testing and load testing
* Using **SOAP** and Restful web services to retrieve provider's data and used **SOAP UI** to test the web services
* Created Restful Web service for updating customer data from sent from external systems
* Designing the database schema, creating tables and views and writing stored procedures, functions and queries in **SQL and Postgres**

**Environment: J2EE, EJB 3.0, Struts, spring, JSF, IBM MQ Series, Servlets, XML, XSL, XSD, CSS, PVCS, Java Script, AJAX, MVC, HTML, Angular.js, Multithreading, Eclipse, JUnit, JSF, JTS, Hibernate, agile, Oracle11g and Windows**

**HCL, Chennai, India**

**Software Developer Intern May 2013 – July 2014**

**Responsibilities:**

* Created different parsing interfaces to parse XML using DOM and persist in MySQL database
* Responsible for writing Spring Application for data base manipulation in context of core, MVC, AOP and annotation modules
* Developed a Spring MVC application in connecting to database
* Adapted RESTful for performing web services
* Used Node jess middleware Melter for uploading files
* Written SQL, PL/SQL and stored procedures as part of database interaction
* Created **UNIX shell scripts** to automate the build process, to perform regular jobs like file transfers between different hosts
* Validated query execution plans & tuned queries using Indexes, Views and Batch processing
* Implementing presentation layer using JSF, JSP, HTML, CSS, and jQuery, JavaScript, Angular Js, Ext’s, JSON and Servlets
* Created check printing template using HTML in APEX and created web pages using mean stack
* Set up **JBoss** Server, Configured **MySQL** Cluster in Linux OS and installed Open Call XDMS
* Designed Frontend with in object-oriented JavaScript Framework like React JS
* Involved in standard design patterns of software engineering and created design patterns to cover system needs

**Environment:** Java/J2EE, JSP, Servlets, Struts, JDBC, JavaScript, HTML, Apache Tomcat Server, Oracle 8 SQL, JavaBeans, CSS, HTML, Mozilla Fire Bug, Eclipse, Hibernate, JUnit, SVN, JIRA.