Ravi Teja

2034918013

[rteja1277@gmail.com](mailto:rteja1277@gmail.com)

**Professional Summary:**

* Having 9+ years of extensive experience as a Full Stack Java/J2EE Developer building web-based enterprise application for various domains.
* Expertise in various methodologies of the Software Development Lifecycle (SDLC) process including analysis, design, development, implementation, integration, testing, debugging, production, maintenance.
* Extensive experience using Java technologies: Core Java, JDBC, Java Message Service, Servlets, JPA, EJB, Swing, JSTL, Applets, and JSP.
* Expertise in developing GUI using Web-Development technologies like HTML, DHTML, DOJO, JavaScript, TypeScript, CSS, HTML5, Angular.js, React.js, Backbone.js, Node.js, Vue.js, Ext.js, Bootstrap and jQuery.
* Good working experience with Java 8 features like Streams API, Default and Static methods in Interfaces, Lambda Expressions, Optional Class and Parallel Sort in Arrays.
* Expert in developing web applications using MVC design patterns like Spring MVC and Struts 2 MVC.
* Experience with different modules of Spring Framework like Spring Core Container, Spring MVC, Spring AOP, Spring Data JDBC, Spring Data MongoDB, Spring Data REST, ORM Integration Module, Spring Security, Thymeleaf, Spring Boot & Spring Cloud.
* Experience in developing applications as Microservices using Spring Boot based on Service Oriented Architecture (SOA).
* Extensive experience in developing scalable, reliable and efficient enterprise applications using Java, Spring, Struts, Web Services, RESTful, JSF, JDBC, JSP, Servlets, EJB, JMS, XML, JAXB, PL/SQL and Unix scripting.
* Experience with the modern NoSQL/Graph DB/Data Streaming technologies.
* Modified the UI screens created by web designers using HTML5, CSS3, JavaScript, TypeScript, Angular.js, React.js.
* Develop batch processes for financial reporting applications and modules using Perl and Korn shell scripts on Oracle database, with partitions and sub-partitions.
* Expert in producing and consuming REST and SOAP Web Services with different APIs like JAX-WS, JAX-RS, JAX-B and implementing using Jersey and Spring REST.
* Experience in integrating the internal security model into new projects with Spring Batch, Spring Microservices and Spring Boot, Pivotal Cloud Foundry (PCF) and Netflix Eureka.
* Experienced in Apache Spark for implementing advanced procedures like text analytics and processing using the in-memory computing capabilities written in Scala.
* Very good experience in developing Single Page Applications (SPA) on the client side using Angular 2, 4, 6, 8, 9&10.
* Experience in database modeling, design and development of PL/SQL stored procedures, packages in relational databases Oracle 12c, SQL Server 2019, DB2, PostgreSQL and MySQL.
* Having Strong expertise with RDBMS (PostgreSQL, SQLite) and SQL.
* Experience in developing cross platform server-side applications using Node.js, Vue.js, BackBone.js and Angular.js v10.0 to achieve scalability in real-time web applications.
* Implemented load-balancing with NGINX to allow dozens of Node.js instances to handle concurrent users.
* Experience with build automation tools and experience in CI/CD pipelines with tools such as Jenkins/Ansible.
* Extensive experience with databases such as Oracle and MySQL, MongoDB, Akka.
* Good Experience in creating Test Plans, writing and executing Test Cases, Manual Testing, and Automation testing using Selenium.
* Strong experience with the relational databases like Oracle-12c/11g, MySQL-5.x and non-relational database MongoDB and proficient in generating reports by integrating JasperReports, JFreeCharts, Apache POI, Apache iText and Dynamic Data Visualization tools like D3.js.
* Experience in creating build scripts using Ant, Maven and Gradle tools and scripting Dockerfiles and deploying onto Docker containers.
* Created automation test scripts using Selenium Web-Driver for multiple platforms and browsers testing.
* Good Knowledge with identity and access management, network security, data protection, cryptography.
* Very good experience in using Git, SVN, CVS for version control and ZenHub for Project Management.
* Expertise in developing enterprise applications using Jenkins for Continuous Integration and Continuous Deployment (CI/CD) and extensive experience with Splunk.
* Extensive experience in Amazon Web Services (AWS) like EC2, Simple DB, RDS, Elastic Load Balancing (ELB), SQS, SNS, AWS Identity and access management, AWS Cloud Watch, Elastic Beanstalk, Elastic Cache, AWS EMR and Cloud Front, Red shift.
* Worked with Rabbit MQ, Apache Kafka for reliable and asynchronous exchange of important information between the multiple business applications.
* Extensive development experience on different IDEs like Eclipse, Visual Studio, and IntelliJ.
* Proficient in Behavior Driven Development (BDD) and Test-Driven Development (TDD) approach using SCRUM framework under Agile Methodology.
* Excellent client interaction skills and proven experience in working independently as well in a team.

**Technical Skills**

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| **Programming Languages** | JAVA 8&11, J2EE, SQL, PL/SQL, Python, Golang |
| **User Interface** | HTML5, CSS3, AJAX, jQuery, JSF, Bootstrap, JavaScript, Angular.js (v9/10), React.js, bootstrap,  Node.js, Json-parsing NPM, Gulp, Bower, TypeScript, Photoshop, Adobe Flash, Adobe Flex |
| **Databases** | Oracle, MS SQL Server, MySQL, MongoDB, IBM DB2, MS-ACCESS, TOAD, RDBMS, PostgreSQL |
| **Web Services** | JAX-WS(SOAP), JAX-RS and Jersey (Restful), WSDL, JAXB |
| **J2EE Technologies** | Servlets, JSP, JDBC, RMI, Java Bean, EJB, Spring, Struts, Spring Boot, PCF. |
| **Architecture** | MVC, SOA, Microservices, Service Facade. |
| **ORM Framework** | Hibernate, JPA, Spring Data, J2se Sdk, Graph QL, Vue.JS, Akka |
| **IDE** | Eclipse, My Eclipse, Intellij IDEA, Data grip, Squrill. |
| **Web/Application Servers** | Apache Tomcat, Apache camel, Glassfish, IBM Web Sphere, WebLogic, JBoss, SOAP UI, AXIS. |
| **XML** | XML, DTD, XSL, XSLT, XHTML, JAXP, SAX and DOM Parsers. |
| **Operating Systems** | Windows Vista/8/10, Unix. |
| **Build Tools** | Maven, Apache ANT, Apache camel. |
| **Version Control** | GIT, SVN, Jira, |
| **Testing Tools** | Junit, Mockitto, Karma, Jasmine, SOAPUI, Rest Client API, Postman, Swagger UI 2, Selenium |
| **Logging** | Log4j, Slf4j |
| **AWS** | EC2, RDS, S3, ELB, SNS, Jenkins, |
| **Messaging** | JMS, Active MQ, Apache Kafka |
| **CI/CD Tools** | Jenkins, Chef, Docker, Ansible, Vagrant, Kubernetes |

**Professional Experience:**

**Client: DELL - Round Rock, TX May 2020 - Till date**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Involved in all phases of Software Development Life Cycle (SDLC) including analysis, design, development, and testing of the project using AGILE methodology.
* Used Microservices to build individual components of the application and built the application on Spring 4.x Framework.
* Used J2EE Design Patterns as Singleton, Facade, Proxy, Observer for Middle Tier Development as well as Composite View Pattern for presentation tier.
* Implemented Spring MVC flow to interact with different modules of the application.
* Built and consumed RESTful services in modules and implemented serialization using Spring REST and JSON. Designed and developed the REST based Microservices using the Spring Boot, Spring Data JPA.
* Implemented Microservices based cloud architecture utilizing Spring Boot.
* Designed and developed custom message adapter components using Apache Kafka that allowed the message to travel through Microservices to base on Restful API utilizing Spring Boot with Spring MVC.
* Good experience in implementing Spark Streaming project, preferably using Scala, and Spark SQL.
* Good Experience in batch or stream processing systems (Apache Spark or Flink or Akka or Storm or Spring Batch).
* Worked with high volume and complex PL/SQL stored procedures and packages using TOAD.
* Experience in code delivery pipelines and adept in building Build and Deployment tools using - ANT, Shell script, Maven, Gradle, ANSIBLE and Jenkins.
* Strong knowledge in core Java concepts like collections, multithreading, design patterns, serialization.
* Good knowledge and experience with web sockets, Rest API and Graph QL.
* Implemented Spring Security with Okta Security API to provide security for the application.
* Used Spring AOP to maintain the code clean and logic consistent and used pointcuts to call other classes methods according to advice.
* Hands on knowledge of Git, Jenkins, AWS Cloud Technologies, RDBMS (PostgreSQL)
* Used Kibana Dashboards for the Application Monitoring and to retrieve the Concise and Console Logs.
* Secured REST API's by implementing OAuth2 token-based authorization scheme using spring security.
* Used front-end technologies HTML5, CSS3, JavaScript, TypeScript for interacting with the user interface and built components for the robust front-end Single Page Application built on Angular 4, 6 & 8.
* Implemented Angular 4, 6 & 8 Router to enable navigation from one view to another.
* Created the Application using React JS, Vue.js and Node.js libraries.
* Used Protractor to perform end to end testing for single page application developed using Angular 5.
* Involved in developing Thread safe blocks for multithread access and distributed transaction management.
* Evaluate various design solutions using Microservice, AppSync/Graph QL, REST, JMS, Streaming.
* Used Hibernate framework as the Object Relational Mapping tool for persisting java objects on Oracle 12c Database.
* Working with ELK (Elastic Search, Log stash and Kibana) stack to develop an end to end transaction processing system.
* Developed integration modules for disparate clients using Apache Camel.
* Developed Camel routes using Scala DSL and developed custom message converters.
* Build the services utilizing the Pivotal Cloud Foundry (PCF) as a platform as a service for RESTful services.
* Experience with some aspect of computer security network security, application security, security protocols, cryptography.
* Written highly referenced blog posts on Error Handling in Scala and Problems Scala Fixes.
* Architected and developed a new platform to modernize existing codebase using Drop Wizard, Spring Dependency Injection, MongoDB and Hazel cast.
* Debugged and modified SQL Stored Procedures, Triggers, Tables, Views and User-Defined Functions.
* Worked on a way to store the log messages in Cassandra which are managed by Hadoop and made available through Kibana for visualization.
* Dynamic Data Visualizations were generated by implementing D3.js and JFreeCharts frameworks to render visualizations based on various parameters.
* Integrated configured Camel with ActiveMQ to use it as bus.
* Created high level functional flow diagrams using Microsoft Visio.
* Utilized Swagger framework for design, documentation, testing and deployment of REST APIs.
* Created build pipeline using CloudBees for Continuous Integration and Deployment.
* Configure Kibana to encrypt communications between the browser and the Kibana server.
* Developed Maven/Docker builds scripts and implemented Docker containers to create images and dynamically provisioned slaves to CloudBees of Continuous Integration and Deployment Pipelines.
* Used AWS S3 to store data and to retrieve the stored date very quickly and used Elastic Search for searching the document. Used AWS SNS to send messages to multiple users and delivered in an algorithmic way using AWS SQS.
* Knowledge on Linux operating system, UNIX commands and PERL script.
* Ensured high quality code by using Agile XP / Pair Programming approach and by using SonarQube.
* Extensively used Postman for testing REST web services.
* Used SVN for versioning and Log4j implementation is done for logging.
* Jira is used for Project Management and GitLab is used for issue and bug-tracking.

**Environment**: Java 1.8 &11, Spring 4.6, Spring Boot, Spring REST, Spring Data JPA, Perl, React Js, Hibernate 4.2, Oracle 12c, Apache Kafka, Apache Camel, Selenium, Spring Security, Scala, Spark, PL/SQL, Okta Security API, PCF, Akka, PostgreSQL, RDBMS, Vue.Js, Graph QL, Swagger, HTML5, Microservices, CSS3, jQuery 3.0, Multithreading, MongoDB, Cassandra, Bootstrap4, JavaScript 2.0, Elasticsearch , TypeScript, Angular.JS v9.0, D3.js, Hazel cast, JFree Charts, Microsoft Visio, Ansible, Cloud Bees, Maven, Docker, JUnit 4.0, Mockito, SVN, Log4j, Jira.

**Client: KeyBank - O'Fallon, MO August 2018 – April 2020**

**Role: Sr. Java Full Stack Developer**

**Responsibilities:**

* Part of continuous engineering team which deals with application enhancements, production issues and production incidents around the globe using Software Development Life Cycle(SDLC) life cycle management like deeply investigating the root cause of the issue within the application, analysing the issue and code development.
* Participated in client meetings to gather information and requirements from them and handled continuous knowledge sharing sessions in technical areas.
* Responsible for code walkthroughs and participated in defect tracking meetings.
* Developed test cases and performed testing using JUnit.
* Done code review and configuring build management for the application using ANT.
* Involved in enhancing of User Interface using HTML, CSS and Angular for various front-end pages of the application.
* Worked on Java 1.8 features such as Lambda Expressions for making anonymous inline function calls by using Functional Interfaces which makes code readable and concise.
* Worked on development and implementation of the MVC Architectural pattern using Spring Framework.
* Used Spring MVC and Dependency Injection for handling presentation and business logic to support very large-scale count across the globe.
* Used RESTful web service for transferring data between different applications.
* Developed the application with various Spring Framework modules like Spring MVC, Spring Security for authentication and authorization into consoles to configure.
* Used JMS API for communication between the components.
* Extensively used SQL for querying databases like MySQL.
* Experience in handling messaging services using Apache Kafka.
* Created tables, triggers, Stored Procedures, SQL queries, Joins, indexes that supports to store the transactional data and customer data around the globe.
* Used various Core Java concepts such as Multi-Threading, Exception Handling, Collection APIs, Garbage collections for dynamic memory allocation to implement various features and enhancements
* Extensively used Splunk to query the data and see the debugging logging level info when dealing with an incident in the production.
* Application was deployed on Apache Tomcat Server for testing purposes and stage testings.
* Configuring spring beans following the spring's Dependency Injection (DI) and Inversion of Control (IOC) principles.
* Used Log4J for application logging and notification tracing mechanisms.
* Used JIRA for tracking the Project Stories and bug fixing.
* Used Microservice architecture, with Spring Boot-based services interacting through a combination of REST and leveraging AWS to build, test and deploy micro services.
* Created AWS Security Groups for deploying and configuring AWS EC2 instances.
* Implemented JUNIT test cases for unit testing and Suites for end to end testing.
* Worked with Eclipse IDE and used Maven build tool to achieve more functionality for build process.
* Participated in Code Reviews of other modules, documents, test cases and release coordination’s.

**Environment**: Java, J2EE, HTML5, CSS, Bootstrap, Angular8, Spring IOC, Spring Boot, Spring AOP, Spring MVC, Spring Security, Hibernate, AJAX, JSON, JDBC, REST, SQL, Unit Testing, Log4j, AWS, Maven, Apache Kafka and Eclipse.

**Client: HUMANA - Charlotte, NC October 2016 - July 2018**

**Role: Java Full stack developer**

**Responsibilities:**

* Involved in all phases of the Software development life cycle (SDLC) using Agile Methodology.
* Attended daily Scrum calls in which I update about daily work, proposed future work, and discussions on any blocking issues.
* Developed User Interface using HTML, CSS, Java Script, and Angular.
* Involved in component development using J2EE principles and used design patterns such as Singleton, Factory in the implementation of the application.
* Used Spring MVC and Dependency Injection for handling presentation and business logic.
* To maintain loose coupling between layers published the business layer as services and injected necessary dependent components using Spring IOC and published cross cutting concerns like Logging, User Interface exceptions, Transactions using Spring AOP.
* Used Spring Security for Authentication and Authorization of the application.
* Extensively used JSON to parse the data from server side to satisfy the business requirement.
* Established Database Connectivity using JDBC, Hibernate O/R mapping with Spring ORM for Oracle.
* Worked on Hibernate for mapping the java objects to relational database and SQL queries to fetch the data, insert and update the data from the database.
* Used Hibernate in Data Access Layer to access and update information in the database.
* Extensively used SQL for querying databases.
* Consumed Web Services to interact with other external interfaces to exchange the data in different forms by using Restful service.
* Implemented Restful based Web Services.
* Created tables, triggers, PL/SQL Stored Procedures, SQL queries, Joins, and views for SQL Developer.
* Used Multithreading in programming to improve overall performance using Singleton design pattern in Hibernate Utility class.
* Used JMS module for lookup for the queues.
* Involved in Unit Testing of various modules by generating the Test Cases.
* Performed deployment of applications on WebSphere Server.
* Involved in day to day handling of JIRA issues (production issues at time) that involved data inconsistencies that required to be solved in very less time.
* Guiding team members in case of any blockers from their end.
* Worked using Eclipse IDE for writing the code.
* Used Jenkins as build management tool for continuous integration process and used Git as Version Control tool.

**Environment**: Java, J2EE, HTML, CSS, JavaScript, jQuery, JSP, JSTL, Spring, Hibernate, Web Services, Restful, JUnit, GIT, Eclipse, JIRA, Agile Methodology, Windows, Linux, Angular 4 and 8, Eclipse, JSON, WebSphere Application Server.

**Client: Space IT Securities and Solutions – India Jan 2014 to March 2016**

**Role: Software Developer**

**Responsibilities:**

* Involved in the development of various front-end modules.
* Developing Java script modules for client-side validations.
* Developed core Java backend tools.
* Used JSON as response type in REST services.
* Integrated Hibernate with Spring by coding a Spring Configuration file.
* Created custom AngularJS components for internal framework.
* Developed various server-side components using various J2EE technologies.
* Involved in the development of different user interface screens using JavaScript, CSS, and HTML.
* Involved in the Development of Spring Framework Controllers. Developed Controller for request, response paradigm by Spring Controllers using Spring-MVC.
* Developed presentation modules using Struts framework.
* Developed the Training and Appraisal modules using Java, JSP, Servlets and JavaScript.
* Worked on web-based reporting system with HTML, JavaScript and JSP.
* Leveraged AngularJS and JavaScript to build presentation layer for single page.
* Developed various controller components using Struts framework.
* Designing and establishing the process and mapping the functional requirement to the workflow process.
* Extensively used JDBC to access the database objects.
* Designed, developed and maintained the data layer using Hibernate.
* JUnit was used to do the Unit testing for the application.
* Extensively involved in coding of various design patterns.

**Environment**: Java 1.4, J2EE, Servlets, JSP, Struts, Junit, MVC, Hibernate, SQL, PL/SQL, JDBC, JBOSS, Log4J, Apache ANT, JavaScript, Angular.JS (v2/4), CSS, HTML, XML, AJAX, Maven, WebSphere, Apache Tomcat Server.

**Client: Google Maps, Hyderabad, India June 2011 - December 2013**

**Role: Jr. Java Developer**

**Responsibilities:**

* Played critical part during every release of code change.
* Worked in many code changes and enhancements as per the requirements.
* Worked on defects, solving defects, and providing solution as a part of CR’s.
* Modified data in maps as an additional part of my work.
* Weekly video conferencing with onshore team to know the status of the work completed.
* Helping team in case of modifying code and resolving some critical code issues.
* Handling daily status calls with Client.
* Assigning task to offshore team members and consolidating all the issues and status.

**Environment**: Java, J2EE, JavaScript, Hibernate, CSS, HTML, Junit, Eclipse, Tomcat Application Server.