**Ravi Teja**

# SUMMARY

* Around 9 years of IT experience in full system development and product life cycle (Requirement gathering, Design, Development, Testing, Documentation, Deploying and Production Maintenance) of J2EE compliant web and multi- tier applications.
* Experience in working with various Software Development Life Cycle (SDLC) methodologies based on Agile (Scrum), Test Driven (Test First) Development, and Conventional SDLC.
* Experience in developing web applications using Microservices, RESTful Web services and SOAP based Web Services.
* Expertise at using frameworks and technologies like Spring (Core, AOP, MVC, ORM, JPA, Security, Cloud and Batch), Spring Boot, Swagger, Postman, Hibernate (Criteria, Cache and Projection concepts), JPA, Struts and Servlets.
* Experience in developing a microservice using Spring Boot, Spring Cloud, Spring Microservices, and Discovery Server (Netflix Eureka server).
* Development of JAVA RESTful API web services using Spring boot
* Used Spring Web Flow to integrate a wide range of applications developed in Spring MVC.
* Used Apache Kafka as a messaging system to produce and consume services from storage topics
* Proficient in developing Presentation tier with HTML, CSS, Bootstrap, JavaScript, jQuery, JSP and deep knowledge of ReactJS practices and commonly used modules based on extensive work experience.
* Has professional coding experience in Core Java concepts, such as Multithreading, Collections, Generics, Exception handling, Synchronization, Concurrency, Serialization, Garbage Collection and Design Patterns with strict coding standards.
* Hands-on experience in Service-Oriented Architecture, Web Services using JAX-WS, SOAP, WSDL, UDDI, JAX-RS, Restful, Jersey and OAuth2.
* Experience in writing Stored Procedures, functions, Triggers, DDL, DML SQL queries. Experience in writing complex DML queries using SQL, HQL and JPQL.
* Strong Experience on AWS platform and its dimensions of scalability including VPC, EC2, ELB, S3, EBS
* Experienced in developing Java API to connect with AWS S3 Services for storing and retrieving data stored in the S3 buckets.
* Experienced in AWS cloud formation templates and configured SQS service through java API to send and receive the information.
* Implemented design pattern sin Scala for the application.
* Experienced in setting up Amazon EC2 instances, Virtual Private Cloud (VPCs), and security groups.
* Developed Test Cases and Test Scenarios as per functional specifications.
* Used SQL tools to run SQL queries and validate the data loaded into the target tables.
* Participated and involved in test procedures and test plans reviews
* Modification and execution of Test Case Scripts (Java-Selenium RC) in Eclipse IDE, design of automation test framework (Junit).
* Extensive experience on version control tools like SVN, GIT, Bitbucket, CVS.
* Experience in writing MAVEN scripts and using Ant for build and release management during the project life cycle.
* Established Continuous Integration (CI) practices using Docker, Jenkins, GitHub and AWS.
* Enhanced experience in using different IDEs like Eclipse, IntelliJ, STS**.**

# TECHNICAL SKILLS

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| * **8Programming Languages** | * Java, J2EE, SQL, PL/SQL, C, C++. |
| * **Core Java** | * Java 1.8 (lambda expressions, Streams, Functional Interfaces), Data Structures, Collections, Generics, Serialization, Reflections, Concurrency/Multithreading, RMI. |
| * **J2EE Technologies** | * JSP, JMS (Active MQ, Rabbit MQ), Java Servlets, JDBC, Struts, Spring (Core, MVC, DAO, JPA, AOP, Security, Boot, Quartz, Batch), Hibernate, JSF, JSTL,   JNDI. |
| * **Web Services** | * SOAP, Spring REST, JAX-RPC, JAX-RS, JAX-WS. |
| * **Web Technologies** | * XML, XSL, XSLT, XSD, XHTML, WSDL, JSON-parsing, JSON-DTD, Schema Modeling. |
| * **Presentation tier** | * HTML, DHTML, CSS, JavaScript, Bootstrap, jQuery, Ajax, AngularJS, ReactJS |
| * **Database** | * Oracle, DB2, MySQL, MongoDB, Cassandra, Microsoft SQL Server, PostgreSQL. |
| * **Tools** | * JBuilder, Rational Rose Enterprise, Log4J, SLF4J, Swagger, Postman, Maven, Gradle, Ant, Jenkins, JIRA, Confluence. |
| * **IDEs** | * Eclipse, IBM RAD, IntelliJ, STS |
| * **Version Control Systems** | * SVN (Apache Subversion), CVS (Concurrent Versions System), Git, Bitbucket. |
| * **Application Servers** | * Oracle WebLogic, IBM WebSphere, JBoss, Apache Tomcat. |
| * **Testing** | * Junit, Mockito, Selenium. |
| * **Design Methodologies** | * Rational Unified Process, Agile (Scrum), Test Driven Development, Pair programming, Rapid Application Development. |
| * **Operating Systems** | * Windows 98/2000/XP/Vista/7/8, UNIX, Oracle Solaris, Linux (Red hat). |
| * **Cloud Computing** | * AWS (Amazon Web Services): working with EC2, RDS, Dynamo DB, S3, ELB (Elastic Load Balancer), Cloud Formation Templates, and Cloud watch; Pivotal Cloud Foundry. |
| * **Design Patterns** | * MVC, Singleton, Front Controller, Factory, Façade, Data Access Object. |

**PROFESSIONAL EXPERIENCE**

# \_ \_ PROJECT 1

**Full Stack Java Developer/Lead** | Ford Motors, Detroit, MI |06/2022 - Current

* Participated in the design and development of new programs and subprograms, as well as enhancements, modifications, and corrections to existing software.
* Followed Agile Methodologies - SCRUM to manage full life-cycle development of the project.
* All the functionality is implemented using Spring Boot, Micro Services. Used Spring Core Annotations for Spring DI, Spring MVC for REST APIs and Spring Boot for micro-services.
* Implemented Java EE components using Spring MVC, Spring IOC, Spring Transactions and Spring Security modules.
* Developed various batch jobs which process bulk of data received from business partners using Spring Batch.
* Extensively used Core Java concepts and implemented Collections, I/O, Exception Handling and Generics in logic design and development.
* Worked on RESTful Web services as well as Node Rest framework for backend services used Mongo DB (NoSQL) for database services and RESTful web services using Jersey for JAX-RS implementation.
* Worked on Swagger API and auto-generated documentation for all REST calls.
* Worked on PostgreSQL & Db2, Oracle databases concepts such as locking, transactions, indexes, replication, and schema design, manipulated data using CRUD
* Integrated JPA persistence using Hibernate to save the current state of the drool’s knowledge session using the Spring Framework integration.
* Implemented OAuth2.0 for authentication-based web application and accessed their APIs for fetching data services.
* Implemented Kubernetes functions on OpenShift using serverless frameworks. Developed Golang POCs to handle Kafka Topic messages and process Remediation Letters for customers.
* Created platform as infrastructure with AWS (EC2, RDS, ELB) used Docker, Jenkins to run the automated deployments and configured the continuous delivery pipelines for deploying microservices using Jenkins CI server.
* Designed and developed the framework to consume the web services hosted in Amazon EC2 instances.
* Implemented AWS solutions using EC2, S3, RDS, ELB, Auto scaling groups, optimized volumes and EC2 instances.
* Oracle 11g was used as the database for the application which was hosted in the cloud using Amazon RDS service.
* Used Amazon Cloud Watch to monitor AWS and Amazon Cloud Watch logs to monitor application
* Created fully automated CI build and deployment infrastructure and processes using Docker, Jenkins, Bitbucket and AWS.
* Worked in Red hat Enterprise Linux system environment.
* I was responsible for identifying the root cause, investigate and provide a solution for each of the problem ticket that we had.
* Developed Spark Scripting by using Scala shell commands as per the requirements.
* Perform daily health checks of the application, job schedules and infrastructure supporting the application.
* Work closely with business in managing day to day issues, resolve user queries.
* Used JIRA for User Stories and Epic management and Bitbucket for version control.

**Environment:** Java, Spring, Spring Boot, Oracle, Spring Security, Hibernate, Spring MVC, JDBC, Junit, Maven, WebLogic, Rest, Log4j, Micro Services, React.Js , JIRA, GIT, Jenkins, Linux, MySQL, Bitbucket, EC2, OAuth 2.0, PostgreSQL, REST APIs, Spring MVC.

# PROJECT 2

**Full Stack Java Developer** |Myntra, Bangalore, India |01/2020 – 08/2021

* Participated in the design and development of new programs and subprograms, as well as enhancements, modifications and corrections to existing applications.
* Participated in the complete Software Development Life Cycle – Designing, coding, testing, Debugging and Production support.
* Extensively used Core Java concepts and implemented Collections, I/O, Expectation Handling and Generics in logic design and development.
* Used Java 8 features such as lambda expressions, Parallel operations on collections, multi-threading and for effective sorting mechanisms.
* Developed RESTful Web services for other systems to interact with our system and secured the service with Spring-Security OAuth.
* Developed UI pages in HTML, CSS, JavaScript, jQuery and Angular JS and integrated them with the backend application.
* Design and develop Test cases for Test Driven Development (TDD) AND Behavioral driven development (BDD).
* Developed various batch jobs which process bulk of data received from business partners using spring batch.
* Wrote test cases and performed manual testing like Positive Testing and Negative Testing, Regression, Integration, Unit Testing.
* Performed Analysis and testing by Junit, Mockito frameworks for unit, Integration and functional testing.
* Involved in code reviews using crucible and evaluation for the standards to produce code with good quality.
* Performed release jobs to promote the code to various environments and servers. Fixing bugs during release of new packages into production.
* Used Jenkins and Bamboo for continuous integration and artifact deployments in the environments.
* Used SVN and WebStorm as source control management.

**Environment:** Java, Spring, Spring Boot, Spring Security, Servlet, Angular Js, JSP, Spring MVC, JDBC, JUnit, Maven, WebSphere, JavaScript, HTML, Restful, Log4J, AWS, Microservices, JIRA, GIT, SVN, Jenkins.

# PROJECT 3

**Java Developer** |Dell Technologies, Hyderabad, India|09/2017 – 01/2020

* Used HTML, CSS, JavaScript and jQuery for dynamic website design.
* Developed interface to display report data using jQuery, AJAX, JavaScript and JSON, XML.
* Designed the front-end applications, user interactive (UI) web pages using web technologies like HTML, CSS and Java script.
* Used various jQuery plugins like autocomplete, date picker, colour picker, document slider to enhance the usability, functionality and overall experience for the website.
* Developed HTML prototype documents with CSS Style Sheets.
* Involved in fixing defects and unit testing with test cases using JUnit.
* Deployed the application in WebLogic server
* Developed the workflow interfaces using struts tiles layouts, JSP, CSS & request processors using dispatch action &action.
* Extensively worked with XML schema, XSL, XSLT to navigate in XML documents, and SAX to process & parse xml files. Designing and configuring core xml files for implementation of struts.
* Extensively used ANT for creating build scripts and deployment into WebLogic Application Server and Log4j for logging.
* Used CVS for version control across common source code used by developers and deployed the applications on WebLogic Application Server.
* Involved in writing JUnit test cases and suits using Eclipse IDE.
* Used Maven for building and deployment purposes.
* Used Web Services-WSDL and SOAP.
* Fixed Cross browser issues in Internet Explorer 7+ (including IE9), Safari, Chrome and Firefox and contributed bug fixes.
* Validated the data of reports by developing SQL queries in SQL Developer against Data Mart tables and ODS.

**Environment:** Core Java/J2EE, Java Spring, JSTL, JMS, XML, XSLT, JDBC, AJAX, Oracle 10g, WSAD, IBM MQ, Micro services, HTML, Node Js, CSS, JavaScript, UML, Rational Rose, KORN, JMeter, CVS, JUnit, TDD, Docker, SOAP, Spring Boot.

# PROJECT 4

**Java Developer** |Zen3, Hyderabad, India |06/2013 – 09/2017

* Participated in the complete Software Development Life Cycle - Designing, Coding, Testing, Debugging and Production Support.
* Designed and developed all components JSP, controller, spring configuration, DAO for various modules.
* Prepared low-level technical design document and conducted design related discussions with the team members.
* Developed front-end UI using HTML, CSS, JSP and JavaScript technologies as well as Java components.
* Hands-on development experience with frameworks such as Spring MVC.
* Configured various interceptors for transaction management, security, Audit logging (database) and logging using Spring AOP.
* Java Mail API is used to send notifications about important updates.
* Developed database PL/SQL objects and worked with SQL queries to communicate with backend.
* Comfortable using UNIX commands to deploy Java application to non-production environments.
* Tested the Web services using SOAP UI and by writing Web service client in Java for transmitting the offender's information in XML data using the WSDL provided.
* Experienced in writing JUnit Test for Java and J2EE applications. Developed various Junit test cases for Unit and Functional Testing.
* Involved in extensive DATA validation using SQL queries and back-end testing
* Used agile development methodology like daily scrum, sprint planning, sizing, sprint review, and retrospective.
* Provided extensive pre-delivery support using bug fixing and code reviews.
* Used GitHub for version control and configured Maven for dependencies and Log4J for logging.
* Configured and Build jobs in Jenkins for the projects and deployed in STATUS for QA and Production Environment.

**Environment:** Java 1.6, Junit 4, JBoss 7, Oracle 10g, HTML,JSP, JavaScript, React-JS, Node-JS, Mongo DB, Spring, Hibernate, Eclipse, Atom, Restful Web services, Gradle, Junit, log4j , JavaScript, Subversion, Jenkins, OpenShift.

**EDUCATION DETAILS:**

**Master's**: Computer Information Systems in Christian Brothers University.

**Bachelor of Technology**: Information Technology in Bapatla engineering college.