**RAJESH VEERADIMMA**

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# Summary

* **Around 13 years** of professional IT experience in **Project Analysis, Design, Development, Testing and Deployment** of Web Based Applications using **Java/J2EE.** Actively involved in each phase of **Software Development Life cycle** (SDLC)
* Strong application development experience in using **Agile** Software Development methodologies like **Scrum, Sprint** and Traditional software models like **Waterfall and TDD**
* Developed web-based enterprise applications using **core Java, J2EE, Servlets, JSP, EJB, JMS, JDBC, Hibernate, Web Services (SOAP** and **REST), MVC framework (Struts, Spring MVC), SQL and Object-Oriented Programming techniques.**
* Proficient in implementation of frameworks like **Struts, Spring (Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, Spring Boot, Spring Data, Spring Batch),** and **ORM** frameworks like **Hibernate.**
* Proficient in core java concepts like **Collection Framework, Multi threading, Annotations, Serialization, Thread pools.**
* Expertise **XML** technologies like **DTD, XSD, XSLT** and various parsers like **DOM, SAX and JAXB.**
* Extensive experience working with **RDBMS** such as Oracle and My sql.
* Strong Knowledge in **Normalizing** the databases.
* Expertise at **JDBC API** for connection and access to databases.
* Expertise in Creating **Hibernate configuration** file, **Hibernate Mapping** files and defined persistence classes to persist the data into **Oracle Database**.
* Proficient in developing **Web Services**, related technologies & frame works**: WSDL, SOAP, REST, JAX-WS, AXIS and Jersey, SOAP UI** and generating client’s client using Eclipse for Web Services consumption.
* Experience in Design and Development using **Java8** features **lambda expressions** and **Java Stream API.**
* Experienced in transferring data from different data sources into HDFS systems using **Kafka** producers, consumers and **kafka** brokers.
* Expertise in Design and Development of **Microservices, Docker** and **Kubernetes.**
* Managed **Amazon Web Services** like **EC2, S3 bucket, ELB, Auto-Scaling, SNS, SQS, AMI, IAM, DynamoDB, Elasticsearch, Virtual Private Cloud (VPC)** through AWS Console and API Integration.
* Expertise in Web Front End Technologies **Struts, Tag Libraries** and **Struts custom validation rules, JSTL, Java Script, DHTML** and **XML.**
* Experience in Design and developing web modules using **Angular Framework.**
* **Configured and created** application **log files using Log4J** to trace required application messages.
* Having Good Experience on **UNIX, Linux** commands and Deployment of Applications in Server and ability to work effectively on **Windows** platforms.
* Extensively implemented **Design patterns** and best practices.
* Working as a **Tech Lead/Architect**, facilitates any kind of support to the team to deliver the Functionality on time with quality.
* Solid experience in the **Telecom, CRM and Core Banking domains** and I have experience in providing software Design and Development support to various clients in the USA and Australia.
* Good experience in **Reconciling** and **Managing** developers (Offshore and Onsite) and End Users in a Team based environment.
* Excellent Communication and Interpersonal skills, flexible, **adept** and versatile to new environments, self-motivated, a good team player and have worked in a multicultural environment.

# SKILL SET

| Languages | Java 1.8, J2EE, SQL, PL/SQL, CPP, Typescript, Shell Scripting |
| --- | --- |
| Enterprise Java | Java, J2EE, Spring, Servlets, JDBC, JSP, JMS |
| Web/XML | HTML, XHTML, JavaScript, Angular, CSS, XML, XSD, SAX/DOM, AJAX, JQuery, Json, Typescript |
| Tools & Frameworks | Structs, Hibernate, Spring MVC, Spring web flow, Spring IOC, Spring AOP, JMS, Log4j, Spring Boot, Spring Batch, Spring Security, Spring Data. |
| Web/App Servers | Weblogic, Wildfly, Apache, WebSphere |
| Database | Oracle, MySql, MongoDB |
| Development Tools | Eclipse, IntelliJ, Spring tool Suite(STS), Visual Studio |
| Modeling/Case Tools | Rational Rose, MS Visio professional, Star UML |
| Testing Tools/ CI Tools | JUnit, Soap UI, Postman, Putty, Jira, Jenkins, Ansible |
| Version Control | GIT, CVS, SVN |
| Platforms | Linux, Unix, Sun solaris, windows |
| Cloud Technologies | AWS EC2, S3 bucket, ELB, Auto Scaling, AMI, DynamoDB, Virtual Private Cloud(VPC), EKS, Google Kubernetes, Docker, Micro Services, Splunk, Sentry, New Relic, Apigee |

**PROFESSIONAL EXPERIENCE:**

**Company:** **Infosys USA** **Dec 2021 - Present**

**Role**: **Tech Lead – System Dev**

**Project Title: Remedy**

**Client: Verizon**

**Description**: Remedy is a Global Network Ticket management and Troubleshooting system for Verizon Wireless. It is going through technology migrations, Automation, enhancements, and workflow changes to its processes to bring in the speed and efficiency to deal with the network issues.

* Worked on High level and low-level system design, planning, estimation and implementation.
* Application is implemented using **agile** methodology where there is a daily SCRUM meeting to understand the status and resolve any issues.
* Designed and developed the Database Schema.
* Designed and developed End points ( Controllers ), Business Layer, DAO Layer using Hibernate/JDBC template using Spring IOC ( Dependency Injection )
* Used Java-J2EE patterns like Model view controller ( MVC ), Business Delegate, Data Transfer, Objects, Data Access Objects, factory patterns.
* Used Spring Framework AOP module to implement logging in the application to know the application status.
* Used Spring DAO Module to deal with the Database. Used Hibernate, object relational mapping (ORM) solution, technique of mapping data representation from MVC model to Oracle Relational data model with an SQL based schema.
* Implemented the application using Spring IOC, Spring MVC Framework, Spring Batch, Spring boot and handled the security using Spring Security.
* Designed, developed a custom, single page responsive web application on front end using Angular 13.
* Designed and developed the Angular modules to support the single page responsive web application.
* Used the routing module to route the request based on the URL pattern.
* Developed the services modules for data binding.
* Used the Dependency Injection mechanism to use the httpclient modules to interact with the controllers.
* Used the JWT mechanism for authentication.
* Implemented Batch jobs to deal with Large number of chunks using Spring Batch framework to execute the similar jobs simultaneously.
* Designed and developed Microservices business components using Spring Boot.
* Develop docker based microservices deployment modules with jenkins 2.0 and Ansible.
* Worked with Spring Feign client and kafka broker service to handle heavy traffic.
* Worked with core java concepts like Collections Framework, Multithreading and memory management.
* Worked on Log4J to validate the functionalities and Mockito framework JUnit for unit testing.
* Worked with EKS cloud service in creating Kubernetes pod instances and corresponding configuration changes.
* Participate in a user acceptance test and make sure the requirements are accepted by clients and deploy it into production.
* Managed continuous deployment and deployed 2 software iterations per month for 2 years.
* Used Jenkins and AWS tools to cut release time by 20%.
* Used the **Sentry** dashboard for Exceptions monitoring and management.
* Used the **Jenkins** tool to automate the build and deployment process.
* Used the **EKS** for auto scaling, load balancing, self-healing and zero downtime deployments.
* Participated in performance tuning and troubleshooting discussions.
* Used **JIRA** to assign, track, report and audit the issue in application.
* Moving monolithic architecture to microservices and migrating them to Verizon cloud used GIT to maintain the version of the files and took the responsibility to do the code merges from branch to trunk and create new branches when required.

**Environment:** Java 1.8, J2EE, HTML5, CSS3, BootStrap, Typescript, Angular 13, Spring MVC, Spring IOC, Spring boot, Spring security, JUnit, Maven, Apache, Weblogic, JAX-RS, Restful, Micro services, Log4j, Oracle, MongoDB and Spring Tool Suite.

**Company:** **Infosys**  **Dec 2018 - Dec-2021**

**Role**: **Tech Lead – System Dev**

**Project Title: vRepair**

**Client: Verizon**

**Description**: vRepair is a Global Network Ticket management and Troubleshooting system for Verizon. It is going through technology migrations, Automation, enhancements, and workflow changes to its processes to bring in the speed and efficiency to deal with the network issues.

* Worked on High level and low-level system design, planning, estimation and implementation.
* Application is implemented using **agile** methodology where there is a daily SCRUM meeting to understand the status and resolve any issues.
* Designed and developed the Database Schema.
* Designed and developed End points ( Controllers ), Business Layer, DAO Layer using Hibernate/JDBC template using Spring IOC ( Dependency Injection )
* Used Java-J2EE patterns like Model view controller ( MVC ), Business Delegate, Data Transfer, Objects, Data Access Objects, factory patterns.
* Used Spring Framework AOP module to implement logging in the application to know the application status.
* Used Spring DAO Module to deal with the Database. Used Hibernate, object relational mapping (ORM) solution, technique of mapping data representation from MVC model to Oracle Relational data model with an SQL based schema.
* Implemented the application using Spring IOC, Spring MVC Framework, Spring Batch, Spring boot and handled the security using Spring Security.
* Designed, developed a custom, single page responsive web application on front end using Angular 13.
* Designed and developed the Angular modules to support the single page responsive web application.
* Used the routing module to route the request based on the URL pattern.
* Developed the services modules for data binding.
* Used the Dependency Injection mechanism to use the httpclient modules to interact with the controllers.
* Used the JWT mechanism for authentication.
* Implemented Batch jobs to deal with Large number of chunks using Spring Batch framework to execute the similar jobs simultaneously.
* Designed and developed Microservices business components using Spring Boot.
* Develop docker based microservices deployment modules with jenkins 2.0 and Ansible.
* Worked with Spring Feign client and kafka broker service to handle heavy traffic.
* Worked with core java concepts like Collections Framework, Multithreading and memory management.
* Worked on Log4J to validate the functionalities and Mockito framework JUnit for unit testing.
* Worked with EKS cloud service in creating Kubernetes pod instances and corresponding configuration changes.
* Participate in a user acceptance test and make sure the requirements are accepted by clients and deploy it into production.
* Managed continuous deployment and deployed 2 software iterations per month for 2 years.
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* Used the **Sentry** dashboard for Exceptions monitoring and management.
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* Participated in performance tuning and troubleshooting discussions.
* Used **JIRA** to assign, track, report and audit the issue in application.
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**Environment:** Java 1.8, J2EE, HTML5, CSS3, BootStrap, Typescript, Angular 13, Spring MVC, Spring IOC, Spring boot, Spring security, JUnit, Maven, Apache, Weblogic, JAX-RS, Restful, Micro services, Log4j, Oracle, MongoDB and Spring Tool Suite.

**Company:** **VDSI**   **Feb 2011 - Dec 2018**

**Roles:**  **Senior Developer**

**Project Title: vRepair**

**Client: Verizon**

**Roles and Responsibilities:**

* Responsible for all stages of design, development, and deployment of applications. Active role in **Test Driven Development** termed as **TDD** apart from Agile Software Development.
* Used **Multithreading** in programming to improve overall performance.
* Designed, analyzed and developed the **front-end** and **back-end Servlets, Bootstrap** for designing**, HTML5, CSS3, AngularJS 7** and **AJAX,** for developing presentation layers**.**
* Involved in developing **UI** pages using **AngularJS 7** and calling the **Rest API's** from the backend.
* Involved in payment status report for asynchronous exchange of information using JMS.
* Participated in creation of Spring Configurations using **Java 1.8** features, **Lambda Expressions, Streams, Filters.**
* Demonstrable experience working in continuous integration and continuous deployment systems (CICD) using openshift
* Actively involved in using **MVC, HTML5** to enable client-side data to meet specific criteria by applying various validation variables and used the **CSS** classes to provide visual feedback on validation.
* **JSON is used** as the main data-interchange format in place of **XML.**
* Used **Apache camel** integration for routing and transforming the data between two Applications using HTTP protocol.
* Used **Sonar** to analyze and measure source code quality
* Demonstrated experience with Continuous Integration, Continuous Deployment (CICD) methodologies using openshift.
* **CRUD** was used as part of servlets where **DML** operations were required on **RDBMS** like **SQL DB’s**
* Created **RFP** microservice to provide **RESTful AP**I utilizing **Spring Boot** with Microservices.
* Used Jenkins, Sonar to ensure the continuous integration in the project
* Developed **SOAP** based **JAX-WS Web** Service interfaces for integrating multiple systems, code reusability.
* Used **Dependency Injection** feature for **wiring** and defined dependencies using constructor arguments.
* Implementation of data access layers has been cumbersome for a while and this was greatly resolved using **Spring JPA** through implementation of data access layers thereby reducing boiler-plate-code.
* Worked on the Front end by using **JavaScript(ES6)**.
* Used **AWS** SDK for connection to Amazon **S3** buckets as it is used as the object storage service to store and retrieve the media files related to the application.
* Used **Microservices** to ensure the scalability of applications on cloud infrastructure**.**
* Developed **RESTful** Web services for other systems to interact with our system and secured the service with **Spring-Security OAuth.**
* Used spring framework including **spring core/IOC**, **Spring Web**, **Spring Security**.
* Used Jenkins as build management tool for continuous integration process (CICD).
* Configured **Hibernat**e with **Spring ORM** as part of **Spring** and **Hibernate** Integration for best results.
* Used **Spring MVC** components to implement business layer and **SpringBoot** for **Microservices**.
* Utilized **Spring core**, **AOP** and **security** to build robust business operations with transactional support.
* Worked with **IDE** as **Eclipse Indigo** and deployed into **Apache Tomcat Web Server** & used **Maven build tool** to achieve more functionality for build process.
* Defined several **UML** diagrams; Activity diagrams, Sequence and Object diagrams.
* Developed unit and integration tests for existing microservices using **JUnit, Mockito** and **Docke**r environments.
* Developed the data access classes using **JDBC** and **SQL query log4j** for logging and **SVN** for version control.
* With the help of OpenShift I used to deploy and develop and manage container based applications.
* Worked on **RESTful** Web services for backend services using **MongoDB (NoSQL)** for database services and **RESTful** web services using Jersey for **JAX-RS** implementation.
* Created **Hibernate** persistent and configuration files for **ORM** implementation
* Code review using sonar tools and correcting the code base on the Sonar Report
* Used **Git** as Version Control System for the application. Used **JMeter** to test performance of **SOAP** protocol.
* Used **JBoss** as the chief enterprise level server while dealing the database activities with **Hibernates**.
* Participated in the Defect tracking team using **HP Quality Center for** Defect tracking, Defect priority and status.
* Developed **AWS LambdaFunctions** in a stateless style and ensured there is no affinity between and compute infrastructure to manage the servers and run the code in the **AWS.**
* Create team specific Agile process flow in JIRA to move tasks from one activity to another.
* Analytical skills to collect, organize, and analyze data and amounts of information with attention to detail and accuracy
* Ability to work with different teams to meet timely objectives
* Support of all Credit production applications - this includes appropriate escalation and ownership to completion of all reported issues and requests.

**Environment:**HTML5, CSS3, JavaScript, Bootstrap, Agile(SCRUM), AngularJS , AJAX, Hibernate, Spring, MongoDB, Spring Batch, Spring Boot, Spring Security, Servlet, XML, GIT, JSP, Postman, Spring MVC, JDBC, Mockito, JUnit, Maven, Web logic, Restful, Log4J, SOA, AWS, MicroServices**,** Swagger, JIRA, Spring Security, Jenkins and STS.

**Company:** **Yalamanchili Software Exports Ltd**  **Feb 2009 to Jan 2011**

**Role: Software developer**

**Project Title: Narada Switch Prepaid Cards**

**Client: Commonwealth bank of Australia, Axis Bank India Description**: Prepaid cards, gift cards and Stadium cards are like debit cards but loaded with little amount of money in multiple currencies. Its way of loading the card and using it in outlets like POS machines for purchase etc.

* Implement the proposed design.
* Maintain and Enforce the Application Development Standards.
* Test the application with sample test data.
* Report the work status to team Lead and Manager.
* Provide training to the customers through over phone or on-premises. Installing the Application in customer’s premises.
* Participated in the design reviews and brainstorming sessions.
* Developed the prepaid cards secure pin generation and validation logic using Hardware security components using C and C++ languages.
* Developed the module to generate the files to Embossing/ printing the customer details and security pin details on prepaid cards using core java.
* Worked on End of the day settlement files processing using C++ and Pl/SQL language.
* Worked on core prepaid card switch routing and messaging components using CPP and Java languages.

# Education Details:

| Masters in Computer Science and Engineering | Birla Institute of Technologies and Sciences (BITS) | 2014 |
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| Bachelor Degree | Sri Venkateswara University | 2007 |
| Intermediate | Andhra Pradesh Board | 2004 |
| SSC | Andhra Pradesh Board | 2002 |