**RAJIV RAM J Email:** [mark.3egiants@gmail.com](mailto:mark.3egiants@gmail.com)

**Java Full Stack Developer Phone:** 515-428-7857

**PROFESSIONAL SUMMARY:**

* Over **8+ years** of strong software experience in **design, development** and **deployment** of **web-based, Client-Server** business applications using J**ava/J2EE technologies**.
* Experience working with different **SDLC** (Software Development Life Cycle) including Requirement gathering, Analysis, Design, Coding, Testing and Implementation like **AGILE (SCRUM), TDD** and **Waterfall Models**.
* Worked with PL/SQL Packages Procedures and Functions for back end processes.
* Involved in development in Java and PL/SQL components
* Excellent exposure to Microsoft Technologies, ORACLE 9i, sql/SQL.
* Having good knowledge in front end technologies like **HTML4**, **CSS3, Android, AJAX, JSON, DOM, TypeScript, Bootstrap, XHTML, DHTML,JavaScript**, **jQuery**, **node JS, Tag libraries,Angular JS 2/4**.
* Knowledge in developing applications using **Java/J2EE** technologies**Hibernate,Servlets, JSP,JSF, AJAX, JDBC, JNDI, GWT JavaBeans, EJBs,JSTL, Swing**, **Struts, XML, Web Services**, **JMS**
* Involved in implementing business logic with Oracle-stored procedures, functions and triggers using PL/SQL.
* Strong experience in installation and configuration of**WebSphere** Application Server. Extensive experience in optimization of Enterprise Applications using**WebSphere** Application Server(WAS) […] XML Config, Workload Management(WLM), EJB, JAAS, Oracle 10g/9i/8i, LDAP, DB2 UDB on AIX and Solaris.
* Good hands on **Java 8** concepts like **Lambda, Functional Interfaces, Filters** and **Streams.**
* Experience in database design and development of **PL/SQL** stored procedures, and packages in relational databases like **Oracle 9i / 10g / 11g, SQL Server 2005/2008, DB2, MySQL** and good hands on experience in implementing, designing and developing **NoSQL** Databases like **MongoDB, Apache Cassandra** and **CouchDB.**
* Experience in configuration and deployment of multi-tier applications using different web servers like **Apache Tomcat, WebSphere, Apache Axis, Apache HTTP Server, JBoss** and **WebLogic.**
* Experience on **AWS** platforms **VPC, EC2, ELB, SQ3,** and **EBS, ROUTE 53, Dynamo DB CLI** and **SDK’s/API tools** and good knowledge on **AWS** tools like **S3, Lambda, Kinesis, Cloud Watch, SQS.**
* Experience in using **Jenkins** for **CI/CD** process and creating **Docker** images and containers
* Expertise in configuring WBI Adapters such as **Jtext**, **JDBC**, **HTTP**, **Webservices**, **MQ**and **JMS.**
* Used PL/SQL and SQL\*Loader to create ETL packages for flat file loading and error capturing into log tables.
* Experience in working with different IDE’s like **Eclipse, NetBeans, IntelliJ, STS (Spring Tool Suite), Visual Studio, Rational Application Developer (RAD), Dream Viewer.**
* Experience in implementing and deploying **Java EE** design patterns such as **MVC, Singleton, Factory, DAO, DTO** and **Business Delegate** in the development of Multi-Tier distributed Enterprise Applications.
* Experience in using code repository tools - **Tortoise SVN, CVS, GitHub**, and **Visual Source Safe**.
* Experience with project build/test/deployment tools like **Maven** and **Ant.**
* Worked with **Log4j** for logging and used **JUnit** and **Mockito** for unit testing and integration testing.

**Technical Skills:**

|  |  |
| --- | --- |
| **Programming Languages** | Java, J2EE, PL/SQL Scala 2.12.1 SQL, |
| **Web Technologies** | HTML5, CSS3, JavaScript, jQuery, AngularJS, Angular 2, TypeScript, Ajax, React JS, Node JS, Express JS, JSON, Swagger UI, XML |
| **Spring Frameworks** | Spring Boot, Spring MVC, AOP, IOC, Spring Security, Spring Batch |
| **Java/J2EE Technologies** | Servlets, JSP, JSTL, EJB, JDBC, RMI, XML, JSF, Struts2, ..s, AWT, Applets. |
| **Application/web Server** | Apache Tomcat, WebSphere, JBoss, WebLogic Server |
| **Data base** | Oracle, DB2, MySQL,MongoDB, Cassandra |
| **O-R MAPPING** | Hibernate, Spring data, JPA |
| **Methodologies** | Agile, Scrum, waterfall model. |
| **Cloud Environments** | Azure, Pivotal Cloud Foundry, AWS, Netflix Eureka |
| **Version Control** | GIT, CVS, SVN |
| **Web Services** | SOAP – WSDL, JAX-WS, RESTful – JAX-RS, Jersey |
| **Reporting Tools** | Crystal Reports XI, Jasper Reports 6.0, SSRS 5.0 |
| **Testing Tools** | Junit, Jasmine, TestNG, Mockito, Protractor, Jenkins, Selenium, Cucumber, Log 4j |
| **Tools** | Kubernetes, Docker, Ansible, Apache Camel, |
| **IDE ad Build Tools** | Eclipse, IntelliJ, NetBeans, Toad, SQL Navigator, Ant, Gradle, Maven |

**PROFESSIONAL EXPERIENCE:**

**Client: Liberty Mutual Insurance - Indianapolis, IN Duration: July 2016 to Till Date**

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

**Description:**

The project was to develop the application called **Customer first**(CF), where we will onboard third-party agents Like MOSS, TPAR,GEICO to get access to bind the Quotes. In the CF application we develop CFA(**Auto**) and CFP(**Property**)quotes with miscellaneous functions access to the third-party agent. The prefill data is accessed to the agents selling the quotes to the customers will be controlled by CF application.

**Roles & Responsibilities:**

* Involved in development and testing of Streamlets module. Actively involved in Analysis, Design, Development, System Testing and User Acceptance Testing.
* Followed **Agile** methodology in the **Scrum** Cycle model and worked on **JIRA** to access the user stories.
* Worked with PL/SQL Packages Procedures and Functions for back end processes.
* Implemented **Java8** features like **Lambda expressions, Streams, filters, pipelines, Optional Interfaces etc.**
* Developed **UI**web pages using **HTML5, CSS3** and **jQuery** to display the data on the client side.
* Oracle PL/SQL developer responsible for writing ETL scripts
* Created the **AngularJS** application using **Grunt** and **Bower** and used **Angular UI** for component model.
* Updated the project midway to **Angular 4** for its performance benefits.
* Used **J2EE** design patterns like **Adapter, Service locator, Session facade, Singleton, Factory and DAO**.
* Used **Executor Service** framework to implement multithreading in programming to improve overall performance.
* Developed classes using **Core java/Executor Service(multithreading, concurrency, memory management).**
* Involved in developing **UI** pages using **AngularJS** and calling the **Rest API’s** from backend.
* Created **Spring Boot** with Micro Services utilizing **RESTful API**.
* Experienced in Apache **Spark** for implementing advanced procedures like text analytics and processing using the in-memory computing capabilities written in **Scala**.
* Develop and maintain standards, department guidelines, documentation, policies and procedures pertaining to**SAAS** Platform Support Operations
* Worked on **Spark** SQL and Data frames for faster execution of Hive queries using **Spark** sql Context.
* Expertise in creating SQL Queries, PL/SQL packages, Functions, Stored Procedures, Views, Triggers and Cursors.
* Involved in configuring the**WebSphere**load balancing utilizing **WebSphere** Workload Management including horizontal scaling and vertical scaling.
* Configured**WebSphere**security using LDAP (Lightweight Directory Access Protocol) and SSL between IHS,**WebSphere**and LDAP.
* Used PL/SQL and SQL\*Loader to create ETL packages for flat file loading and error capturing into log tables.
* Consumed **REST** Web Services for getting the credit card information from third party application using **EME**.
* Developed **Restful Web services** for other systems to interact with our system and secured the service with Spring- Security Oauth-2.0. Added **WS-Security** using **XWSS** to secure the **Web services**.
* Implemented the associated business modules integration using **Spring**and **Hibernate** data mapping.
* Implemented **Hibernate** Template to great extent making use of **HQL**, **Named Parameters, Named Queries** and interfaces such as Expression, Query, Criteria.
* Performed **Hibernate** framework optimization using Projection in Criteria object to query minimum columns to display data on dashboards.
* Worked closely with Project manager, development, testing and**production** team to align project deliverables, dates and report issues/concerns.
* Review the **production support** issues assigned and do due diligence - troubleshooting, root-cause analysis and provide resolution on a timely manner.
* Used **Node.JS** to run Grunt Tasks and build properly the project.
* Used Express Framework to set up middleware to respond to the **HTTP** requests with the help of **Node JS**.
* Involved in implementing business logic with Oracle-stored procedures, functions and triggers using PL/SQL
* Developed **Session Beans** for necessary Transactions like fetching the data and updating the customer information.
* Worked on **Drools Rules Engine** and **Expectation Rule Engine** for writing Business Rule Validation.
* Utilized **Spring core, AOP** and **security** to build robust business operations with transactional support.
* Implemented **SpringCloud Config Server, Routing** and **Filtering** to **Microservices** using **Netflix Zuul.**
* Developed **spring boot** applications for **REST** services and deployed in **Pivotal Cloud Foundry(PCF).**
* Extensively used **Spring Batch** which uses **Spring IOC** dependencies, this is useful for developing batch processing.
* Used **JBoss** for Application server implementation, server setup configuration, support, performance.
* Developed unit and integration tests for existing **microservices** using **JUnit, Mockito** and **Docker** environments.
* Developed database objects-Stored Procedures, Tables, Views, Sequences, Cursors, Packages and Triggers.
* Wrote **SQL** queries using **PL/SQL**, stored procedures and enhanced performance by running explain plans.
* Developed and tested extraction, transformation, job and load **(ETL)** processes.
* Performed cross browser testing by using **Selenium**Grid on multiple browsers and on different platforms.
* Oversaw all aspects of testing **JUnit, FIT,** and **SIT,End to End, Regression,User acceptance** and **Performance.**
* Used **Git** as Version Control System for the application. Used **JMeter** to test performance of **SOAP** protocol.
* Developed **API** for using **AWS** Lambda to manage the servers and run the code in the AWS.
* Created detailed **AWS** Security groups which behaved as virtual firewalls that controlled the traffic allowed reaching one or more AWS **EC2** instances.
* Worked on creation of custom **Docker** container images, tagging and pushing the images.
* Worked on creating the **Docker** containers and Docker consoles for managing the application life cycle.

**Environment: Java 1.7/1.8, J2EE, Git, PL/SQL,Spring Boot, Hibernate 4.x, Core Java, SOAP/Rest, Web Services, CSS, Angular 4,IBM WebSphere Application Server 8.X/6.X**,**Struts2, RAD, DB2 Visualizer, Node JS,Hadoop, Scala, Spark, Eclipse RCP SASS, WSDL, JIRA 5/6.x, JMS, NOSQL(MongoDB), ETL, Grunt JBoss 3.0, AWS, Spring Cloud, SAAS1Spring batch, Apache JMeter, jQuery, JUnit, Docker, Maven, Jenkins.**

**Client: ACT –Iowa city, IA Duration: Dec 2014 to June 2016**

**Role: Sr. Java/J2EE Full Stack Developer.**

**Description:**The ACT originally an abbreviation of American College Testing college readiness assessment is a standardized test for high school achievement and college admissions in the United States. ACT assessment measures high school student's general educational development and their capability to complete college-level work with the multiple-choice tests covering four skill areas: English, mathematics, reading, and science. The optional Writing Test measures skill in planning and writing a short essay. Specifically, ACT states that its scores provide an indicator of college readiness, and that scores in each of the subtests correspond to skills in entry-level college courses in English, algebra, social science, humanities, and biology.

**Responsibilities:**

* Involved in all stages of SDLC like Requirement Analysis, Design, Implementation in **Agile** Methodology.
* Developed presentation layers using **HTML5, CSS3,** and **Angular2** router to build single page application to navigate through the different status and multiple modals**.**
* Used **Angular 2** to associate **HTML** elements to model, to provide dynamic user validations on client side.
* Worked on UI components using **Angular2Dependency Injection, Models, data binding** and controllers.
* Worked on **Java8** features like **Lambda expressions, Streams, filters, optional classes and default methods.**
* Used **Executor Service Interfaces**, **ThreadPoolExecutor** class for **multi-threading**& thread resource pooling.
* Worked on **Spring MVC** Transaction Management, **Spring/Hibernate Batch Transactions** and **Hibernate cache, Spring Boot components** to implement business layer and navigation part of application.
* Demonstrated our **SAAS**, engaged in contract negotiations, and presented ROI to C Level Executives.
* Developed the Application using design patterns-**Singleton, Factory, DAO, DTO prototype** and **Composite** View.
* Implemented **Microservices** architecture with N**etflix, Spring Eureka, Spring Ribbon** using **Spring Boot**to provide client-side load balancing in calls to another **Microservices**for making application in to smaller chunks and also the **Spring Hystrix** as circuit breaker and for the fail-safe.
* Created Process blueprints for Cost and Time estimates for migrating existing Savvion Business Process Applications to IBM**BPM**.
* Involved in developing **Restful service API’s** end points in **microservice** architecture.
* Developed **Mongo DB** Data Access Layer implementing **Mongo Repository** interface from **Spring Data.**
* Implemented a distributed messaging queue to integrate with **MongoDB** using **Kafka** and **Zookeeper**.
* Developed various **SQL**queries and **PL**/ **SQL**Procedures in **Oracle DB**for the application.
* Worked on **UNIX/Bash** environments across **EC2** servers with **Docker** hosts &**Kubernetes** to manage docker images.
* Involved in Designing and deploying AWS solutions using **EC2, S3, RDS, EBS, Elastic Load Balancer**, Auto scaling groups. Supporting Systems Infrastructure comprised of **Linux OS,AWS, EC2** clusters.
* Worked on instantiating multiple **AWSEC2** servers by using **YAML** Script in **Ansible** playbook. Experienced **DevOps** methodologies by implementing **CI/CD Pipelines** using tool sets like **GIT**, **Jenkins**, and **AWS**
* Utilized **AWS Lambda** platform to upload data into **AWS S3** buckets and to trigger other **Lambda** functions.
* Wrote **Droolrules** in both **rule flow** and **drools fusion** for fetching the facts from the database.
* Worked with API Management product of **APIGEE** in consuming the API’s in implementing customer use cases.
* **UNIX Shellscripts** for Bash shell to automate deployments and environment configurations on the **EC2 Clusters**
* Developed **ApacheSpark** jobs using **Java** in test environment for faster data processing and used **SparkSQL**.
* Designed and Developed the Automation Testing Framework using **Java, Selenium Web Driver and TestNG.**

**Environment: HTML, CSS, JavaScript, Angular2, Node.js, Java8, Java/J2EE, Spring MVC, Restful Webservices, Microservices, IBM BPM,Netflix, Spring Eureka, Spring Ribbon, Spring Boot, SAAS, Spring Hystrix, AWS, EC2, S3, RDS, EBS, Elastic Load Balancer, PL / SQL, Oracle, Docker, Ansible, Kafka, Zookeeper, Kubernetes, GIT, Jenkins, Chef,Linux OS,Selenium, TestNG, DROOLS, APIGEE, MongoDB, Design Patterns, log4j, Agile Methodology, Maven, Spark**

**Client: Ally Financials - Dallas, TX Duration: Dec 2012 – Nov 2014**

**Role: Java Developer**

**Description:** Financial planner helps the financial advisors for advising customers on Retirement, Insurance, Education, Tax, Estate and Mortgage planning. We give the monetary benefits at each period and projection till the end of period. We also help the customers to apply online for insurance claims and online purchase of insurance plans. Online payment system for insurance premiums and Retirement plans are integrated with the system. The system has the facility to give insurance and investment plans and offers quotes based on the information provided by the customer

**Responsibilities:**

* Worked on **Agile** methodology including team-based design and code reviews.
* Actively involved in Requirement Analysis, designing, development and testing of the entire application.
* Developed the web interface using **HTML5, CSS3, JavaScript, jQuery, AngularJS**, and **Bootstrap**.
* Enhance and modify the presentation layer and **GUI** framework that are written using **JSP** and client-side validations done using **JavaScript**.
* Implemented **Spring MVC** controllers, configured using Spring **MVC** annotations and configuration files.
* Implemented spring framework Bean Factory & Application Context for bean initialization and configurations.
* Spring **AOP** is used for logging, auditing, and security and transaction management to distinguish business logic from the crosscutting concerns.
* Implemented the back-end functionality of the modules using **Singleton** and **Session Facade** design patterns.
* Used **Hibernate** as an **ORM** tool to interact with the database.
* Involved in development of **POJO** classes and writing **Hibernate query language(HQL)** queries.
* Asynchronous messaging is done using **JMS** and created Queue for point to point messaging.
* Developed **REST** web services using **SpringMVC** to extract client related data from database and used **SOAP UI** for testing these **RESTFUL API** web services.
* Implemented Service Oriented Architecture by developing and consuming **RESTFUL**services based on **JAX-RS**.
* Implemented Java Classes to use **JAXP** parser to create Java objects, able to modify the data received in the response.
* Worked with **DB2** and Wrote **SQL** Queries, stored Procedures, triggers, and integrated **SQL** Queries into **DAO**.
* Deployed the application on **ApacheTomcat** Application Server.
* Used **Log4j** logging mechanism for logging.
* Used **SVN** for versioning and concurrent access to the project files.
* Resolving spring framework artifacts and code build & deployment with **Maven**.
* Used **JIRA** for defect and issue tracking and Used **Jenkins** for continuous integration/continuous deployment.
* Automated regression test cases using **Selenium**.

**Environment: Java 6, J2EE, Spring MVC 3.0, Hibernate 3.0, HTML, CSS, JavaScript, React JS, JMS,**

**SOAP, Axis2, Maven, Jenkins, DB2, Selenium, Log4j, SVN, JIRA, Tomcat 6.0.**

**Client:Quin Street – CA Duration: Nov2010 – Nov 2012**

**Role: Java Developer**

**Description:**This Project mainly deals with delayed check payments. In this application we provided two functionalities to business users. One is 'upload functionality' and the other is 'search' functionality. In the upload functionality, users have an option to upload data corresponding to delayed checks. In the search functionality users can search for detailed claims data and search for doctors, hospitals and dentists. Search based on the check number along with other fields like Bank account number, Name and date range.

**Responsibilities:**

* Involved in Software Development Life Cycle **(SDLC)** - design, coding, testing, and documentation using Rational Unified Process **(RUP)** for analysis and design of application.
* Developed UI using **HTML, JSF**, **jQuery** and **JavaScript**, **AJAX** in few applications.
* Developed **CSS** sheets for developing user aesthetic UI components.
* Developed Web applications in **MVC** architecture using **Spring** framework.
* Implemented logging in the application using **Spring** Framework **AOP** module to know the application status. Used Spring **DAO** module for performing **CRUD** operations on database.
* Used Spring **IOC** design pattern to provide relation between application components. Separated application configuration and dependency specification from actual application code.
* Developed **SOAP** Web service modules based on **SOA** architecture to consume services.
* Called external applications using **Web Services** for delivering notifications.
* Used **JAXB** parser for parsing the valid **XML** files as defined by the **XSD**.
* Used **JMS** API to access the queues, read and write the messages for processing.
* Worked on **JUnit** for creating test cases for all the Business Rules and the application code.
* Experienced with setting up the basic project setup from scratch using **Spring-Hibernate** based design.
* Worked on **JPA** as persistence layer, involving **EJB 3.1** annotations to synchronize with database through **XML**.
* Deployed the application in **JBoss** Application Server. Used **ANT** scripts to fetch, build, and deploy application to development environment and used **CVS** as version control.
* Interacted with application testers to review system defects and provided comprehensive fixes.

**Environment: Java 6, J2EE, HTML, CSS, JSF, JavaScript, AJAX, SOAP, SOA, JMS, Hibernate, EJB, JBoss 6.0,**

**Ant, CVS, ANT, JAXB.**

**Client: Value Labs - Hyderabad, India** **Duration:Sep 2009 – Oct 2010**

**Role: Web Developer**

**Description:**It is an IT Outsourcing company with expertise on mobility, enterprise applications, data modelling, business logic, UI/UE, E-Commerce has come a long way from being a start-up to becoming a 100% Export-Oriented Offshore Software Development Centre.

**Responsibilities:**

* Involved in all phases of the development life cycle (**SDLC**) involving in requirement Collection. Design and analysis of the customer specifications of the application using **TDD** Methodology,
* Implemented struts framework using **MVC** design pattern and front controller pattern
* Designed user interface by creating web pages for each component using Struts web **MVC** and Action Servlet as front controller in this application.
* Developed Action Class components for performing business process execution and involved in configuration of struts configuration specific xml file
* Developed **SCM** by using the **JSP/HTML** for each user interface. JavaScript, Servlets standard validations are used as the controllers for business logic and using **JDBC**, **XML** parsing techniques using **MVC**
* Designed mailing application to send notifications to the Oracle users for intimating to start the next workflow.
* Designed and implemented **AJAX** server calls to dynamically retrieve shipping information.
* Worked on **Oracle** in writing complex queries in the business logic layer. Used joins, debugging the SCM related packages and customization.
* Involved in testing the application using **JUnit**.
* Designed, coded and tested business logic for software applications.

**Environment**: **Core Java, JDK, J2EE, JSP, MySQL, Ant Build, JDBC, Struts, HTML, XML, Java Script,**

**JUnit, Ajax, TDD Methodology, Apache Tomcat, Eclipse.**

**EDUCATION:**

**Bachelor of Technology in Electronics Communication and Engineering**

**JNTU, Hyderabad in 2009.**