

Email**: ramakrish612@gmail.com**

**Krishna** Mobile**: (913)- 735-0096**

**SUMMARY**

* 9+years of experience as professional software development on Java, J2EE, Spring, MuleSoft API, webservices (SOAP, REST), AngularJS, AWS, Microservices architecture.
* Effective implementation of microservices architecture with Mule Integration **API** and **ESB**.
* Implementing different **Data**-**Structures**,**Algorithms** and various **Design patterns** to make application more efficient, robust.
* Designing and documenting **API** with **RAML.**
* Strong application integration experience using **Mule-ESB**with **Transformers**, **Filters**, **Connectors**,**JMS** and **ActiveMQ**.
* Creating http **inbound**&**outbound** flows, **Routings**, **Orchestration**, Transformations, global, **Custom exception handling** mechanisms based on the business requirement and application authentication using **OAuth** in MULE ESB.
* Extensive experience in Mule Expression Language(**MEL**) to implement filters, to access payload data, properties and variable of Mule Message Flow.
* Using **MUnit** feature with java code and mule code for unit testing, integration testing by means of mockinginbound-outbound endpoints and message processor calls, flow assert exceptions. Analyzing **code coverage** with Anypoint Studio visuals.
* Proficient in web application development using **Java, J2EE, JSP, Servlets, Spring4.x, Hibernate 3.0, JPA, RAML,** Web Services **(REST, SOAP), HTML, CSS, JavaScript, jQuery.**
* Worked on various J2EE Design Patterns like **MVC, Singleton, Factory, Facade, Adapter, Bridge.**
* Using Microsoft-Visio for UML design as part of software development process.
* Implementation of effective API design with **Springboot**, **Spring CloudNetflix, Eureka server**.
* Proficient in using **SQL** and **PL/SQL** queries.
* Transaction management with **ORM** hibernate features.
* **Hibernate** framework, **JPA** are used in persistence layer for ORM domain model to a relational database.
* External customer portal is developed in annotation based Spring MVC and Hibernate.
* Implemented Singleton classes for property loading and static data from DB.
* Experience in each phase of Software Development Life Cycle(**SDLC**). Worked on agile methodology with Test Driven Development(**TDD**) process.
* Developing java adapter for mainframe with**J2EEConnector architecture**.
* Experience with **Jenkins** by means of continuous integration, pipeline, configuring test cases, populating metrics on the UI with the **jenkins API**.
* Good knowledge of Configuration Management tool **SVN, GIT, Chef**.
* Good experience in developing test cases with **JUnit, Mockito framework** for Unit testing**,** and logging using **Log4J, Slf4j**.
* Experience on developing Applications using **Eclipse**, **VisualStudio**, **RAID**, SQLDeveloper, **PyCharm**, SOAPUI, Toad, Squirrel.
* Developing and modifying shell scripts for the needful builds and deployments.
* Implementing appropriate **Algorithms** and **Data-structures** to solve complex challenges by keeps time and space **complexity** as cutting edge.
* Experienced in building and deploying applications using **Maven**, command over Linux environment.
* Developing Code, Bug Fixing and Testing (including Unit Testing, Integration).

**TECHNICAL SKILLS:**

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| --- | --- |
| **Programming Languages** | Java 1.8, Python, Data-Structures, Algorithms |
| **API modeling language** | RAML |
| **J2EE Technologies** | J2SE, Servlet 2.5, JSP 2.0, JDBC 4.0, JMS, LDAP, Annotations, IOC (Dependency Injection) |
| **Web Development Technologies** | HTML 4.01/5, XML 1.0, XSLT 1.0, JavaScript, SOAP, REST, AWS, Express NodeJS, JSON, DOM |
| **MVC Frameworks** | Spring, Struts. |
| **ORM Frameworks** | Hibernate |
| **ESB technology** | Mule ESB, API integration |
| **Databases** | Oracle 11g/10g |
| **Junit Frameworks** | Mockito. |
| **RDBMS** | SQL, PL/SQL |
| **NoSQL** | MongoDB, Cassandra |
| **Development Tools** | Eclipse, Microsoft Visual Studio, RAID, PyCharm, Microsoft Visio. |
| **Servers** | Tomcat, JBoss, WebLogic 12c, NodeJS-Express. |
| **Development Methodologies** | Agile methodology, waterfall model, TDD |
| **Profiling /Debugging Tools** | Find Bugs, Sonar, PMD, Jira |
| **Building / Testing tools** | ANT, MAVEN, Jenkins, Docker, Chef |
| **Operating System** | Microsoft Windows, Linux (shell scripting) |
| **Domain Knowledge** | Tele-Communications, Banking, Life sciences, Retail, Publications. |

**Professional Experience:**

**Client:** Hallmark Cards, Kansas City, MO

**Role:** Full Stack Technology Lead **MAR'17 – Till date**

**Industry:** Retail

**Description:**

Optix workflow manager is a client server application. It is used by the business team to manage the workflow to develop cards and different products. Due to old Linux server architecture, there were problem with memory management. To overcome these difficulties business and technology team decided to migrate the application to new Suse Linux boxes along with 1.5 to 1.8 java, oracle 11g to 12c.

**Responsibilities**

* Implementing **J2EEconnector architecture** to develop resource adapter in java to perform mainframe transactions with less manual effort.
* Analyzing and fixing the memory leaks and potential causes of high space occupancy of the Application Server.
* Creating directory structure with appropriate permissions.
* Analyzing shell scripts to understand and modify the functionality according to application upgrade.
* Developing test cases and test data to check the migrated application functionality.
* Migrating current Linux environment to **AWS** Linux environment and used auto scaling feature and Involved in Remediation and patching of Unix/Linux Servers.
* Involved in both developing and consuming Restful web services using **JAX**-**RS** and **Jersey**, supporting both **XML** and **JSON**.
* Involved in transforming XML data in to Java Objects using a **JAXB** binding tool.
* Implementing **OAuth 2.0**protocol to access resource servers by the client applications, and for authentication using other applications as per the business need.
* Interacting with fulfillment systems to process the greeting cards information.
* Installing and interacting with MQ related message queues and monitoring queues.
* Created monitors, alarms with**SNS** for **EC2**hosts.
* Configuring**S3** to host static web content including HTML pages, images, CSS files and Java script files and involving configuring S3 versioning and lifecycle policies to and backup files and archive files in glacier.
* Maintaining highly durable, reliable and available data by using S3 data store, versioning, lifecycle policies.
* Configured **Oracle Wallet** to maintain on-fly encryption to maintain security on the application data.
* Developing developer test-cases using **EasyMock**, **Mockito** for whole codebase and doing needful modifications to make code testable and maintainable.
* Implementing continuous integration with **Jenkins** by pipelining process.
* Maintaining documentation in SharePoint for every sprint.

**Environment:**Java8, Linux, AWS, Mainframe, Spring-MVC, Spring-Transaction Management, Oracle 12c, MQ client,Jersey, REST, SOAP, OAuth2.0, Junits- EasyMock and Mockito, SQL, PL/SQL,Maven, Eclipse, TFS versioning tool.

**Client:** Bank of America, Charlotte, NC **SEP'15 – FEB'17**

**Role:** Mule ESB Developer

**Industry:** Banking

**Description:** CashPro CreditPortal is meant to help client to make payments, view invoices on their respective accounts based on their entitlements, CCP use entitlement service to achieve this functionality. CCP functionality is used by CashPro Online (CPO), Small Business Online Banking (SBOB) and Bank Associate Facing application. Migrating customers from one account type to another account type without any issues along with existing customers. Implemented Doc-Center functionality to overcome the process of sending docs through emails between clients and bank.

**Responsibilities**

* Involving in requirements design, analysis; development, testing the deliverable as for given sprint.
* Design and development of flows in MuleSoft ESB using AnyPoint Studio for enterprise-level complex data integration across multiple, disparate systems.
* Translating mapping documents and requirements specifications documents into technical design.
* Worked on various Mule connectors / adapters, developing API.
* Hands-on experience with production deployment and post production support.
* Good understanding of typical integration technologies such as **HTTP**, **XML**/**XSLT**, **JMS**, **JDBC**, **REST**, **SOAP**, Webservices and APIs.
* Implementing **JAX-WS** Security with spring for webservices security, data encryption.
* Developing reusable components using **HTML**, **CSS**, **Angular 2**, so that other applications can use the functionality on **ad-hoc** bases.
* Worked on the latest **Angular** concepts like creating custom directives, services, **$http service**, factory’s, **$watch** and **$apply,ui**-**route**, **angular**-**paginate** etc.
* Exchanged data in various formats such as XML, CSV, and JSON.
* Created http inbound & outbound flows, routing, orchestration, transformations and Security of Mule ESB application using OAuth.
* Transformed, Navigated, Formatted XML documents using XSL, XSLT, XPath.
* Extensively used **MEL** for accessing data in payload and DataWeave for efficient data transformations.
* Migrated deprecated **Data Mapper mapping** to **Data Weave** in **MULE ESB**.
* Developed an Integration Component with third party application using Mule ESB.
* Experience on developing light weight **Node.js** express server, and using technologies like Ajax, JavaScript/jQuery, JSON to make connections between Application server and databases like **MongoDB** and SQL.
* Building REST webservice with Node.js Server in the backend to handle requests sent from the frontend jQuery Ajax calls.
* Developing **Stored procedures** in DAO layer with functions, cursors, triggers keeping performance as cutting-edge factor.
* Using **jira** for issues and bug tracking as part of project management.
* Configuring **Jenkins** with perforce forcontinuous deployments.

**Environment:**Java 1.8, Spring MVC, Spring Integration, Spring Secuirty, REST,Anypoint Studio, Mule ESB 3.7, Angular2, NodeJS, PL/SQL, MongoDB,MUnits,JUnitsWebLogic 12.2, Jenkins, Jira Perforce, Rally.

**Berkley Medical, Overland Park, KS APR’13 - AUG'15**

**Role:** Mule ESB Developer

**Industry:** Insurance

**Description:** Building the framework for all components which need specific functionalities like SOAP to REST conversion, developing jar file to make it reusable. Framework includes orchestration: using Apache Camel, micro-services with Spring Boot. API designing with RAML

**Responsibilities:**

* Requirements gathering from design discussions.
* Implementing SOAP connector as part of orchestration layer to change **SOAP**(legacy) system to **REST**.
* Developing micro-services with the help of **spring boot**.
* Developing API modeling with **RAML** for quick understanding from stakeholders to testers.
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* Involving in the modules architecture to make them reusable for other applications.
* Responsible for writing the test cases, preparing the test plan.
* Designing UML diagrams like Use-cases, Class and Activity diagrams based on the requirements gathered.
* Created **Node.js** EXPRESS Server combined with Socket.io to build **AngularJS MVC** framework from frontend to backend **MongoDB**, to provide broadcast service.
* Developed the integration workflows using an **Mule ESB** framework. Done with integrations using connectors such as Sale force, Data Base, HTTP, FTP and File Connectors.
* Involved in creating http **inbound** & **outbound** flows and **orchestration** using XPath using MULE ESB.
* Developing user stories with transformers, exception handling, testing & Security of Mule ESB endpoint through **OAuth**.
* Used **Database Connectors** to connect with respective systems using Mule ESB.
* Have written **MUnit** test cases to validate the Mule flows and done with asynchronous messaging using Active MQ.
* Experience in MuleSoft Anypoint API platform on designing and implementing Mule API's.
* Developing Mule ESB projects for the services with **synchronous** and **asynchronous** Mule flows.
* Developed Mule flows to integrate Data from various sources into Database, from **ActiveMQ** topics and queues, some transformations were also done at the integration layer.
* Extensively used Mule components that include Data Weave, JAXB, File Transport, SMTP Transport, **FTP/SFTP** Transport, and JDBC Connector.
* Designed and developed enterprise services using RAML and REST based APIs.
* Integrated with Maven repositories in our current project using Anypoint studio.

**Environment**: Java 1.7, Spring Boot, Spring Cloud, REST, SOAP, JaxB, Jersey, JDBC, Mule- ESB, RAML, ActiveMQ, NodeJS, MongoDB, Anypoint-Studio, XML, WebLogic, Oracle 11g, PL/SQL, Maven, Junit, Jira, GIT.

**Client: Country Financial, Bloomington, IL** **SEP ’11 – MAR ’13**

**Role:** Senior Software Java Developer

**Industry:** Insurance / Finance

**Description:** Country Insurance &Financial Services is one of the world largest integrated financial services organization which offer products like Whole life insurance, Universal life insurance and TermLife insurance. This project involved the development of a Web based Intranet application for employees within the company. The employees can access complete customer account information, process insurance claims and authorize claims of the customers. This application generates free quotes for the customers depending on the type of insurance plan selected after validating their personal information.

**Responsibilities**

* Designed and developed Class diagrams and Sequence diagrams using Rational Rose.
* Design and developed the application using Jakarta Struts Framework which is based on

Model View Controller design pattern.

* Implemented Struts validation and Struts Tiles Framework in the presentation layer.
* Developed user interface using JSP, JSP Tag libraries and Struts Tag Libraries to simplify

the complexities of the application.

* Used Dependency Injection feature of Spring
* Extensively used Hibernate in data access layer to access and update information in the

database. Managed Hibernate queries to optimized the performance

* Used Shell scripting to automate the batch process and run SQL scripts.
* Developed Web services - WSDL and SOAP for getting credit card information from third

party.

* Used SAX parser for parsing XML files.
* Used JMS API for asynchronous communication by putting the messages in the Message

queue, such as PDF, Excel report generation.

* Implemented various design patterns in the project such as Business Delegate,Facade, Data Transfer Object, Data Access Object, Service Locator and Singleton.
* Developed Stored Procedures for Oracle 11g database.
* Performed unit testing using JUNIT framework and used Struts Test Cases for testing action Classes.
* Configuring jenkins plugins, writing build scripts to trigger test cases.
* Used ANT scripts to build the application and deployed on WebSphere Application Server. Used Rational Clear Case and Clear Quest for version control and change management.

**Environment:** Java 1.6, J2EE, Struts 2, Hibernate 3, Spring 3.0, JSP1.2, Servlets2.1, JMS, XML,

SOAP, WSDL, JDBC, JavaScript, UML, HTML, JNDI, SVN, Rational Rose, Rational ClearCase, Rational Clear Quest, JUnit, Jenkins, WebSphere Server 7, RAD 7.5,Oracle 11g.

**Client:** Thomson Reuters, Dallas, TX **OCT ‘09 – AUG ‘11**

**Role:** Associate Software Developer

**Industry**: Health Science

**Description:** Thomson Reuters Cortell is an advanced source for timely and accurate Life Sciences information. It gives you information from drug discovery data to patent reports, the latest global regulatory documentation changes to submission guides. It provides a variety of data by classifying into defined datasets which makes easy access to the user for desired information. Jenkins build tool is used for continuous integration of application with web-services, servlet container, svn, assigning the version to application at each build so that we can track the changes and bugs.

**Responsibilities**

* Analysis of the specifications provided by the clients.
* Code development in **TDD** methodology to maintain testable code.
* Implementing and modifying servlet implementations through session management and bean life cycle management.
* Implementing WSDL after conforming requirements from the business team to work with SOAP web services.
* Continues Integration using Jenkins.
* Working closely with DBA, designers to understand business flow for effective coding.
* Receiving search result payload using REST web services and populating using, Spring MVC.
* Developed the test cases using the Junit-4.8.0.
* Responsible for Testing in Dev, IT & QA environments.
* Responsible to execute the Unit, Integration test cases in Eclipse by using the **Junit-4.8.0.** Preparing the Test design document with test cases and test results.

**Environment:** J2SE, Servlets, Hibernate(EH-Cache), SOAP, REST JSP, JDBC, Spring, JUnit, Jenkins, Eclipse4.0.

**Client:** British Telecom, India **JUN ‘08 – SEP ‘09**

**Role:** Software Developer

**Industry:** Telecom

**Description:**BT Wholesale provides a broad range of voice, broadband and data communications services for fixed and mobile network operators (MNOs), internet service providers (ISPs) and telecoms resellers in the UK and provides services to other BT lines of business. BT provide managed network services (MNS) for fixed and mobile communications providers with differing requirements from fully managed network outsourcing operators with significant network assets, to white label managed services designed to help operators with limited or no infrastructure.

**Responsibilities**

* To understand the design documents provided by designers and develop the requirements as per the design.
* Implementing queues in web-logic and triggering actions by means of **jms.**
* To investigate on the issues faced by the testers and fix the issues [Bug fixing] and deploy code again so that desired design will be implemented.
* Implementing procedures and triggers with PL/SQL for better database performance and monitoring.
* Identifying potential issues which can be a defect and to fix proactively.
* UsingClarify (CRM-Thick, Thin Client), Web logic as part of this project.
* Took part in code migration between different environment.
* Analyzing the requirements and providing effort estimations.
* Application support on 24/7 with a team of 5.

**Environment:** Spring, PL/SQL, Clarify CRM 13.1, Java, jms, Web logic 8.1, Spring MVC, MDB’s, Eclipse, and Oracle 9i, Tortoise SVN, FileZilla, Putty.