**Rajasekhar Reddy**

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Possess **13** years of experience in Software Industry that involved Design, Develop, Maintain, support and testing of Web and Middleware applications using **JAVA** and **J2EE** technologies.

Hands-on Experience in developing applications for various business sectors which includes Banking, Telecom and Healthcare products using Java and J2ee technologies.

**Professional Experience Summary**

* Working with **BANK OF AMERICA (BA CONTINUMM), Hyderabad** as **Lead Analyst** from Dec 2019 to till date.
* Worked with **OPTIMUM SOLUTIONS**, Singapore as Senior Application Consultant from May 2019 to Sep 2019.
* Worked with **NEC ASIA PACIFIC PTE LTD (NEC), Singapore** as **Senior Software Engineer** from July 2014 to May 2019.
* Worked with **NUCLEUS SOFTWARE SOLUTIONS (NSS), Singapore** as **Technical Lead** from Nov 2013 to July 2014.
* Worked with **BANK OF AMERICA (BA CONTINUMM), Hyderabad** as **Analyst – I Apps Programmer** from May 2011 to Oct 2013.
* Worked with **Keane International, Bangalore** as **Team Lead** from Dec 2010 to Apr 2011.
* Worked with **CSC (Computer Sciences Corporation),** **Bangalore**, as **Senior Software Engineer** from Mar 2006 to Dec 2010

**Professional Technical Summary**

* More than **13** years of hands-on experience in building **W**eb and **M**iddleware **A**pplications using **Java, JSP, CSS, HTML, Servlets, Struts1.1, EJB2.0, JMS, SPRING5.0, HIBERNATE3.0, SOAP/REST WEB SERVICES, JAXB, APACHE CAMEL, IBM MQ SERIES, SPRING BOOT and MICROSERVICES**
* **Hands on Experience in DEVOPS CI/CD tools; GIT,JIRA,BITBUCKET,ANSIBLE,DOCKER,K8S,XLR,JENKINS,SONARQUBE**
* Hands on Experience in **VSS 6.0, IBM Rational Clear Case, JIRA, Star Team, IBM WSAD5.1.12, SVN, CVS, GIT and BIT BUCKET**
* Hands on Experience on **W**eb and **A**pplication **S**ervers like **Apache Tomcat 6.0, IBM Web sphere 8.5 Application Server, Web Logic 10.3 Application Server, and JBOSS 5.0**
* **Hands on Experience in JBPM4.4, WAS Migration and SAML for Single Sign-on**
* **Hands on Experience in TDD, Agile and Waterfall models**
* **Hands on Experience in Continuous Integration using Hudson along with Maven**
* **Hands on Experience on Apache CAMEL**

**Professional Qualification**

**Bachelor of Engg.** In Electronics and Communication Engineering with **68.3%** from **Madras University**.

**Professional Skill set**

**Programming Languages:**

**Java8, J2ee**

**Distributed Component Technologies:**

***EJB2.0, JMS, SPRING5.0, HIBERNATE3.0, SOAP/REST WEB SERVICES, SOA, MQ SERIES, JAXB Framework, APACHE CAMEL, SPRING BOOT 2.0 and MICROSERVICES***

***DEVOPS CI/CD Tools:***

***GIT,JIRA,BITBUCKET,JENKINS,SONARQUBE,ANSIBLE,DOCKER,K8S,XLR***

**Web Servers & Application Servers:**

**Apache tomcat 8.0, IBM Web sphere 8.5.5, Web logic 10.3, JBOSS 7.0**

**System Management Tools:**

**VSS 6.0, IBM Rational Clear Case, JIRA, Star Team, SVN, CVS, GIT, BIT BUCKET**

**Code Quality/Coverage Tools:**

**Sonar Qube, Sonar Lint**

**Databases:**

**Oracle 9i/10g/12c, SQL Server, DB Visualizer2000.**

**User Interfaces:**

**HTML, CSS, JSP, XML, JavaScript**

**Build Tools:**

**Ant, Maven**

**Operating Systems:**

**Windows 10, Linux**

**Domain Certifications:**

* **Certified in Consumer Banking and Mortgages from Stratadigm solutions.**
* **Trained on Functional knowledge for credit card applications from Stratadigm.**

**Note: Stratadigm is an authorized training provider in banking domain for Bank of America.**

**Professional Projects Summary**

**Project #1:**

**HORIZON**

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| **Client** | **BANK OF AMERICA** |
| **Role** | **Lead Analyst** |
| **Organization** | **BANK OF AMERICA** |
| **Duration** | **Dec 2019 to till date** |
| **Environment** | **JAVA, J2EE, SPRING BOOT, MICROSERVICES, HIBERNATE, JIRA, JENKINS, SONARQUBE, ANSIBLE, DOCKER, K8S, XLR**  |

**Synopsis:**

Horizon platform supports the consumer banking services using the CI/CD tools, the core framework is built on spring and microservices using Java8, All consumer modules are implemented using the microservices architecture and uses container management for deployment using Agile methodology

**Roles & Responsibilities:**

* Involved in requirements gathering and documenting the technical specifications of the project.
* Develop the microservices API components using Spring Boot, Hibernate and Java 8
* Use SonarLint for code quality checks in local environment
* Use Jacoco plugin for code coverage of the application
* Integrate the source code with CI pipeline using Bit Bucket and Jenkins
* Perform code reviews for the teams PR’s
* Use Maven as build tool to configure and manage the dependencies in pom.xml
* Development process will use the GIT Flow branching model
* Integrate the code and execute the CI pipeline to perform unit tests using Junit5 and code quality using SonarQube
* Use XLR as Release Orchestration tool to automate the release checklist specific to higher environments
* Use docker to build the images and Ansible to deploy the images to the container platform
* Interacting daily on DSU with scrum master and if required with Product Owner
* Actively participated in PI planning and Sprint Planning events
* Training the team on the DEVOPS tools and enhanced the maturity level of the team

**Project #2:**

**NEXTGEN**

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| **Client** | **UOB** |
| **Role** | **Senior Application Consultant** |
| **Organization** | **OPTIMUM** |
| **Duration** | **May 2019 to September 2019.** |
| **Environment** | **JAVA1.8, Spring Boot, Spring 5.0, Micro services, Rest Web Services, APACHE CAMEL, MAVEN, GIT** |

**Synopsis:**

NEXTGEN is the new platform for Fusion Banking Corporate Channels system to enable the Microservices architecture and ease off maintenance for the application and platform services related to corporate banking channels.

**Roles & Responsibilities:**

* Handled routing and data transformation using APACHE CAMEL Framework.
* Development of MicroServices using Spring Boot and Spring 5.0.
* Data Transformation using camel framework to FINASTRA systems.
* Done unit testing and involved in support for SIT and UAT testing.
* Interacting with the client on daily basis for Sprint updates of the product.
* Interacting with BA’s for the functional requirement changes of the product
* Helping to the team to resolve the issues and providing functional training on the application.

**Project #3:**

**BACS**

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| **Client** | **JURONG TECH CORPORATION(JTC)** |
| **Role** | **Technical Lead** |
| **Organization** | **NEC** |
| **Duration** | **July 2014 to May 2019.** |
| **Environment** | **JAVA1.8, J2EE, SERVLETS, JSP, HIBERNATE3.0, SPRING5.0, WAS7.0, CVS, SOAP/REST WEBSERVICES, JBPM, SAML, ANT** |

**Synopsis:**

Biometric Application Framework forms the base foundation of BACS to provide enrolment and biometric related services to OPS/PEMS and Clearance Sub-system. It is further broken down into 2 layers consist of the common core modules that will perform utility-based functions and the business services that provide various enrolment and biometric services in the 6 areas as shown in the diagram. Biometric Application Framework will integrate with Fingerprint Matching Sub-system for all related fingerprint matching services.

**Roles & Responsibilities:**

* Understanding the Functional Requirements and implementing the HLD/LLD for the requirements.
* Development of hbm mapping files for the new requirements using hibernate.
* Handled routing using AXWAY Framework to different endpoint interfaces.
* Development of middleware services using Spring MVC, Spring IOC, Spring AOP
* Development of new service functionalities and configuring them using spring IOC and development of DAO layer using hibernate.
* Involved in migration of WAS from 7.0 to 8.5.5
* Involved in migration of IBM HTTP server to support TLS1.2 protocol.
* Involved in migration of application from win7 to win10.
* Involved in migration of the web application from IE8 to IE11.
* Implemented the SOAP web service to interact with MOM interface.
* Implemented the JBPM workflow for MHA interface.
* Act as Technical SME to provide technical solutions to customers in architecture and design, also provided technical guidance and support to team.
* Provided solution for SQL database encryption.
* Implemented the SAML for Sing Pass and Corp Pass login.
* Implemented the fixes for web security vulnerabilities as part of penetration testing.
* Developing the cron jobs and scheduling using the quartz for data synchronization.
* Involved in code review and preparing the code templates and guidelines.
* Done unit testing and involved in support for SIT and UAT testing.
* Interacting with the client on daily basis for L2 Support and Maintenance of the product.
* Interacting with BA’s for the functional requirement changes of the product
* Helping to the team to resolve the issues and providing functional training on the application

**Project #4:**

**PLCE**

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| **Client** | **UNITED OVERSEAS BANK** |
| **Role** | **Technical Lead** |
| **Organization** | **Nucleus Software Solutions** |
| **Duration** | **Nov 2013 to July 2014.** |
| **Environment** | **JAVA, J2EE, SERVLETS, JSP, STRUTS 1.1, Top Link, SVN, JIRA, Web logic 8.1** |

**Synopsis:**

Power Lender Consumer Edition is a mortgage loan origination system which helps bank to validate the initial screening of the customer at various levels while providing the mortgage loan.

It’s a role based application with MVC architecture.

We have various upstream

m systems which deals with customer data (BWCIF), account data (RBK), CBS, CSE (Scoring Engine).

Initially the preparer role will key-in the customers data and he get various reports from external interfaces/upstream systems like BWCIF, CBS, CSE which helps to prescreen the customer at a very initial level.

**Roles & Responsibilities:**

* Understanding the BRD and providing the technical and functional suggestions for better improvement.
* Designing the HLD/LLD and getting signoff from the customer.
* Development of Action classes and related business classes using struts 1.1.
* Development of new utility classes for code reuse.
* Development of JSP’s corresponding to the action classes and configuring both in struts-config.xml.
* Development of exception and error handling for new classes using struts.
* Involved in code review and preparing the code templates and guidelines.
* Implementation of top link related classes for database persistence.
* Done unit testing and deployment into WL server using Ant.
* Interacting with the client on daily basis for L2 Support and Maintenance of the product.
* Interacting with BA’s for the functional requirement changes of the product
* Helping to the team to resolve the issues and providing functional training on the application.

**Project #5:**

**INTERACT**

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| **Client** | **BANK OF AMERICA** |
| **Role** | **Analyst – Applications Programmer** |
| **Organization** | **BANK OF AMERICA** |
| **Duration** | **May 2011 to Oct 2013.** |
| **Environment** | **JAVA, J2EE, SERVLETS, JSP, STRUTS, SPRING, HIBERNATE, WEB SERVICES, JAXB, SOA, JavaScript, CLEAR CASE, Agile, WAS 6.0. TDD, HUDSON and MAVEN** |

**Synopsis:**

INTERACT uses middleware technology to deliver a services container for Financial purposes. The Business Object Container (BOC) integrates the banking systems database by providing a modular set of services that can be accessed by any channel application which uses standards-based messaging protocols. The services-oriented architecture allows institutions to incrementally integrate current systems and/or add new applications and technology to their IT infrastructure

**Roles & Responsibilities:**

* Designing the XML Schemas.
* Generating Group, Service and Adapter classes for the Schemas.
* Used JAXB for marshal and unmarshal of the schema.
* Coding for the respective fields in the schema.
* Implementation of SOA.
* Generating the VO using ANT tool.
* Implemented TDD using Hudson with Maven.
* Done particular mapping in BOC config file and Param data file for particular schema classes.
* Done Unit Testing and Auto Testing.
* Involved in Delivery Using Clear Case Tool.
* Interacting with the client on daily basis for Support and Maintenance of the product.
* Interacting with BA’s for the functional requirement changes of the product
* Interacting with host sme’s to resolve host side transactional issues

**Project #6:**

**Horizon Admin-RX**

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| **Client** | **MCKESSON** |
| **Role** | **Programmer** |
| **Organization** | **KEANE** |
| **Duration** | **Dec 2010 to Apr 2011.** |
| **Environment** | **JAVA, J2EE, JSP, Struts 1.1, JBOSS, EJB2.0, Star Team, EO framework, Oracle** |

**Synopsis:**

AdminRx, is a handheld device, is a part of the Horizon Clinical suite of products. Its workflow designed to administer medications for patients by nurse and improves the safety, documentation, accuracy, and efficiency of medication administration. AdminRx helps to track all activity that relates to patient’s medication orders.

While administering medications, bar codes of nurse’s ID badge, the medications, and the patient’s wristband are scanned. Since administration is controlled via the scanning process, it can be charted with a tap of a button on the Horizon Admin-Rx handheld device.

**Roles & Responsibilities:**

* Implementation of MVC architecture for clear separation of presentation and business logic.
* Coding for the new requirements and enhancements of the application.
* Done Unit Testing and Auto Testing.
* Support for Channel and QA teams.
* Interacting with the client on daily basis for Support and Maintenance of the product.
* Interacting with BA’s for the functional requirement changes of the product

**Project #7:**

**TOUCH POINT SALES & SERVICES (TPSS/XES)**

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| **Client** | **FNIS (FIDELITY NATIONAL INFORMATION SERVICES)** |
| **Role** | **Programmer** |
| **Organization** | **CSC**  |
| **Duration** | **Sep 2008 to Dec 2010.** |
| **Environment** | **JAVA, J2EE, JSP,SOA, Spring IOC, Hibernate, IBM MQ Series, JMS, EJB2.0, IBM WSAD, XML, Servlets, DB Visualizer 2000, IBM Web sphere 6.0, JIRA.** |

**Synopsis:**

Touch Point Solutions is a division of Fidelity Information Services, a leading provider of information-based technology solutions for the financial services industry. Touch Point is one of the customer interaction solutions helps financial institutions enhance sales and service through all delivery channels, including the branch, the contact center, the Internet and through your network of relationship managers.

 Touch Point is a fairly large system encompassing approximately forty components with over thousand services. These services are developed using J2EE technology. These services are to be IFX complaint. ESL-IFX is a layer over the Touch Point services to make this services IFX complaint. These Touch Point services can be used by any channel application.

**Roles & Responsibilities:**

* Coding Adapters for the wrapper services.
* Implementing MVC architecture for clear separation of presentation and business logic.
* Implementation of SOA.
* Development of Queues for Services using JMS for Channel Applications Communication.
* Development of Message Driven Beans.
* Developed IOC using spring.
* Coding Controller classes for controlling the flow of the application.
* Involved in performance tuning using IBM WSAD tool.
* Done Unit Testing and Auto Testing.
* Involved in Delivery Using Clear Case Tool.
* Support for Channel and QA teams.
* Interacting with the client on daily basis for Support and Maintenance of the product.
* Interacting with BA’s for the functional requirement changes of the product
* Interacting with host sme’s to resolve host side transactional issues.

**Project #8:**

**MEASUREMENT PORTAL (MP)**

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| **Client** | **TDC(Tele-Denmark Communications)** |
| **Role** | **Programmer** |
| **Organization** | **CSC**  |
| **Duration** | **Jan 2008 to Aug 2008.** |
| **Environment** | **JAVA, J2EE, Servlets, JSP, EJB2.0, Eclipse 3.2,PLSQL, Oracle, JIRA, Web Logic 10.3** |

**Synopsis:**

Measurement Portal is an Interface which is used to do different types of measurements based on different kinds of inputs from several interfaces or applications.

Basically when a customer reports an error on a telephone line (LID) to TDC, the error gets registered in FAS (TDC **Fault administration System**). In many cases this error will result in sending a technician to the customer site. However when the technician arrives at the customer site, the problem does not exist anymore. TDC loses a lot of money on this account. So to prevent this scenario, a system for automatic re-measuring has been ordered.

The system basically receives a FAS id from FAS. Then the measurement portal starts re-measuring in a certain interval.

Based on rules in the portal, the result per measurement will be interpreted and a status will be set. Green means line OK and Red means FAULT.

**Roles & Responsibilities:**

* Coding for the new business functional requirements and for CR’s.
* Defect Fixing and unit testing.
* Prepared the quality docs and RCA docs for the defects and the project.
* Prepared the functional and technical docs of the application.
* Involved in Support and Maintenance of the application.

**Project #9:**

**ENTERPRISE SERVICE LAYER-INTERACTIVE FINANCIAL EXCHANGE (ESL-IFX)**

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| **Client** | **FNIS (FIDELITY NATIONAL INFORMATION SERVICES)** |
| **Role** | **Programmer** |
| **Organization** | **CSC**  |
| **Duration** | **Jan 2007 to Dec 2007.** |
| **Environment** | **JAVA, J2EE, JAXB Framework,Struts1.1, XES WORKBENCH, XMLSPY, DB Visualizer 2000, IBM WebSphere 6.0, IBM Rational Clearcase.** |

**Synopsis:**

ESL-IFX is an integrated part of Fidelity suite of Financial Products i.e. Enterprise Banking Solutions (EBS) strategy. The Express Enterprise Services (XES) is a middleware which is IFX compliant where it can talk to multiple back ends that includes databases, Mainframe systems across an enterprise-computing environment. This product has been developed using Services Oriented Architecture (SOA). The XES has served as the foundation of Fidelity Information Services (FIS) EBS strategy and ultimately driving all Products within an enterprise to get integrated using a single Middleware that is XES

**Roles & Responsibilities:**

* Designing schemas for the IFX wrappers.
* Coding and unit testing on the IFX message wrapper classes.
* Development of Action Form and Action classes and corresponding configuration in Struts-config.xml file using Struts Framework.
* Done Unit Testing and Auto Testing.
* Implementation of SOA.
* Involved in Delivery Using Clear Case Tool.
* Technical Support to channel applications.
* Interacting with the client on daily basis for Support and Maintenance of the product.
* Interacting with BA’s for the functional requirement changes of the product
* Interacting with host sme’s to resolve host side transactional issues.

**Project #10:**

**XPRESS ENTERPRISE SERVICES (XES)**

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| **Client** | **FNIS (FIDELITY NATIONAL INFORMATION SERVICES)** |
| **Role** | **Programmer** |
| **Organization** | **CSC**  |
| **Duration** | **Mar 2006 to Dec 2006.** |
| **Environment** | **JAVA, J2EE, XES WORKBENCH, XMLSPY, SPRING, HIBERNATE, DB Visualizer 2000, IBM WebSphere 6.0, IBM Rational Clearcase.** |

**Synopsis:**

XES uses middleware technology to deliver a services container for Financial Institutions. The Business Object Container (BOC) integrates the banking systems database by providing a modular set of services that can be accessed by any channel application which uses standards-based messaging protocols. The services-oriented architecture allows institutions to incrementally integrate current systems and/or add new applications and technology to their IT infrastructure.

**Roles & Responsibilities:**

* Generating Group, Service and Adapter classes for the Schemas using XES Workbench Tool.
* Coding for the respective fields in the schema.
* Implementation of SOA.
* Generating the VO using ANT tool.
* Done particular mapping in BOC config file and Param data file for particular schema Adapter class.
* Used XES Workbench, IBM WSAD along with MQ Series as IDE for coding the respective services.
* Done Unit Testing and Auto Testing.
* Involved in Delivery Using Clear Case Tool.
* Interacting with the client on daily basis for Support and Maintenance of the product.
* Interacting with BA’s for the functional requirement changes of the product
* Interacting with host sme’s to resolve host side transactional issues.