Rajamani Ramasubbu

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#

* Having 12+ Years of experience in the software development in developing enterprise applications.
* Experience in developing applications using Java -6-7-8-9-10,J2EE, Spring MVC, Spring Security, Spring Rest,Spring Boot,MicroService Structs1.2, Hibernate, Web Service Soap and Rest, Servlets, JSP,JDBC, JavaScript, HTML,CSS, Tomcat6/7, WebSphere 7.0,Jboss7 Oracle, MySql, DB2, SQL2005 ,DB2,Batch Job, Front End Design Patterns(UI)
* Experience in Object-Oriented Analysis & Design, Development/programming for web-based Client/Server applications in JAVA/J2EE Platform
* Hands on experience in TIBCO EBX(Data Models, Data sets, Data Spaces, Workflow Models, Permissions),Core Java, J2EE Applications development.
* Familiar with Frontend technologies like, Angular MVC, UI frameworks such as Front-End Design Patterns and Good Knowledge and understanding on Low level/High Level design patterns and collections frameworks.
* Hands-on experience in designing, developing, and deploying integration solutions using TIBCO BusinessWorks.
* Experience in Bigger Project like Buyer and Supplier Transaction Internationals (Banking Domain).
* Ability to develop and maintain deep understanding of technologies used, both conceptually as well as in the implementation details
* Good Hands on Experience Message pasring **Kafka** and **JMS**.
* Acquaintance with SDLC concepts and Agile Methodology
* Experience with using Apache Tomcat server and Good Experience singleton and factory design pattern.
* Strong Debugging and Troubleshootingskills and hands on experience in Tibco EBX Java
* Familiar in deploying application through in CI/CD
* Used Maven scripts for building and deploying the application in web/App servers
* Experience in implementing SOA (Service Oriented Architecture) using Web Services (SOAP, WSDL, Restful, and JAX-WS) and REST Services.
* Used TIBCO Administrator to manage TIBCO Components, to monitor and manage the deployments
* Experience with the ORM tool Hibernate involving Connection pooling, Mappings, Transaction Management, HQL (Hibernate Query Language.

# Education

**Bachelor of Engineering in ECE(C, C++, VLSI,Embedded systems, Data Structure and Object-Oriented Design)**

**Anna University, Chennai, India (70/100) July 2005 -May 2009**

**Tools & Technologies:**

|  |  |
| --- | --- |
| Languages | Java, J2EE, AngularJS, PHP, SQL, PL/SQL |
| Operating Systems | Windows, Linux, Unix, OS X |
| Web Technologies | CSS3, HTML, JavaScript, JDBC, JSON, Angular MVC, Node.js |
| Design Pattern |  Singleton, Prototype, Factory Pattern, Abstract Factory, MVC,Low level Design and High Level Design  |
| Frameworks  | Spring MVC, Spring JPA REST, Spring Boot, TestNG, JPA, JUnit, Hibernate, Mockito, Log4j, SpringBoot ,Micro service  |
| Web services | RESTful Webservices, SOAP(JAX-WS) |
| Tools/Servers | Intellij 2023/2024,Eclipse, NetBeans, SVN, Git, CFS, STS, SQL Developer, SQL Server Management Studio, Ant, Maven, Rally, Jira, Jenkins, Jasper, Tomcat |
| Security  | CheckMarxTools, Fortify Scan, SonarQube,Veracode,Checkmark |
| Automation tool | Cucumber, selenium, TestNG |
| Cloud  | Aws Cloud EC2,S3 Bucket |
| Databases | Oracle, SQL, MySQL, Azure DB, DB2 |
| Deployment | DevOppCI/CD Jenkins,Kafka ,JMS |
| Methodologies | Agile, Scrum |

# Experience

**Client:Texas Health and Human Service Commission (HHSC) Austin,TX**

**March2022-Till date**

**Role: Team Lead (Senior Java developer)**

**Monitoring Early Warning System for Long-Term Care Facilities report describes and used to identify conditions in long-term care facilities that are detrimental to Texas residents health, safety, and welfare.**

* Implemented REST **Microservices** using **Springboot** and generated Metrics. Integrated Swagger UI and wrote integration test along with Rest document.
* Deployed and configured AWS cloud service like **Elastic search** for log Analytics and full text search ELK
* Implemented Kafka producer and consumer application on **Kafka** cluster with help of Zookeeper.
* Experience is using build and deploy tools such Jenkin, **Docker** for CI/CD and Deployments for **Microservice**.
* Experience using **Docker** for containerizing the application and deploying the docker images in AWS
* Experience designing and implementing Single Sign-On (SSO) solutions using protocols such as OAuth, SAML, or OpenID Connect.
* Monitored and troubleshooted application performance using **AWS** Glue services such as **CloudWatch** and **X-Ray, AWS Data Pipeline**
* Developed Message flow to process leads received from various sources using (IBM)WMB,IIB ,WebSphere MQ
* Developed crypto rest services using Rest API and integrated services with HSM (Hardware Security Module).
* Developed new web-services end-points which provide json data to the **Angular** 7web app with which the app will be able to show requested data for users
* Worked On implementing CRUD Operations using **NOSQ**L Rest API Service
* Collaborated with Web Application Engineers, used Python scripts to load the data into AWS Cloud
* Worked in agile projects delivering end to end continuous integration/continuous(CI/CD) delivery pipeline by integration of tools like Jenkins.
* Used Kubernetes to Orchestrate the deployment ,scaling and management of docker Containers.
* Worked container based deployments using Docker and used Docker image,Docker Hub and Docker registries and Kubernetes
* Migrated some of rest service from rest template to **webflux**. Worked **JMeter** and Created reported On **Grafana and** Configure and maintain an **Apache Cassandra cluster**, **Openshift** ,including **Datastax** Enterprise Graph
* Ensured quality and maintained the performance of deployed solutions.Worked **SiteMinder** policy and procedures
* Worked with TIBCO's cloud integration offerings, highlight your ability to connect cloud and on-premises applications.Developed GrapgQL service and integrated with data storage layer.
* Approved payment transaction and updated payment process and made accurate changes in client account.Consumed **Global payplus API** and validated using **Microservices** SpringBoot framework
* Done code review and configuration build management for the application using Maven.
* Designed and developed API with all the CRUD capabilities using SOAP.
* Utilized Rust's cryptographic libraries to implement industry-standard cryptographic algorithms such as RSA
* Designed and developed a cloud-native application using **AWS** services such as ECS
* Implemented validation framework for creation of validation.xml and used validation-rules.xml..
* Utilized Agile Methodology/Scrum (SDLC) to managed projects and team.
* Wrote and implemented SQL stored procedures, functions, views and SQL queries for data input to the Crystal Reports
* Developed various dashboard Splunk and granfana
* Experice in Junit testing using Mociko and power Mociko
* Worked on Java Multithreading, serialization, Garbage Collection, Exception Handling, Collection API's &Coherence Framework. Implemented Java Multithreading to refresh the cache at a given set of time interval
* Created Kafka producer API to send live stream data into Various consumers(Kafka topics) and Developed real time streaming application and it is integrated with Kafka to handle large volume and velocity data streams.
* Create automated tests using Selenium BDD,TDD with Continuous regression testing (Jenkins &Deploy) TestNG

**Software Tools:** Java,Spring,SpringBoot,db2,Hibernate,Soap,Rest,IBM IID,JPA2,Open SSL,HTTPD, Intelliji ,RAD,Maven,Docker,NoSQL,Git,Vertx,Kafka,Kubernetes,Microservice,AWS,Intellij,Webflux,Splunk,Grafana,Maven,AWS Services

**Mphasis Limited, Offshore-INDIA March 2019–Feb 2022**

**Role: Module Lead(Senior Java developer)**

**Client: HP**

**HP Printer software works by intercepting print jobs before they are sent to the printer and Managed Mutiple region Printer colour contest.**

* Developed java/j2ee server-side services using Java 8, spring MVC, Web Services (SOAP, Restful, WSDL).
* Developed Application in **SinglePage** using JavaScript frameworks such as **Angular JS 7**
* Developed Mutiple **Microservices** using REST and SpringBoot framework .Each **Microservice** connected throught rest templates.
* Build and manage development and testing environments, assisting developers in debugging application issues using tools, participate in the building of tools and processes to support the System
* Used spring config server for centralized configuration. Used Jenkins for Microservices deployment
* Used Maven as the build tool and to add dependencies, plug-ins.
* Used GIT for source control and developed a logging component using Log4J to log messages and errors.
* Implemented Restful web services using JAX-RS annotations, Jersey as provider and implemented security using **OAUTH 2.1**.
* Developed and maintained automated CI/CD Pipelines for code deployment and Using Agile methodology to develop and deliver project
* Prepared unit test cases using JUnit and Mockito frameworks.
* Involved in writing shell scripts to automate the daily tasks that export/import database backups from **lambda,EC2** and keep the same in **AmazonS3** AWS
* Experience with **Kafka Connect and KStreams**, with ability to know how to use effectively for different use cases
* Developing Web applications using **HTML,CSS3**

**Software Tools:** Java, Spring, SpringBoot, AWS, Hibernate, Maven, Git, CI/CD Jenkin, Splunk, Amazon s3, Lambda, EC2, HTML,CSS, Intellij,Mongo DB,Microservices,Kafka

**Mphasis Corporation, Delaware,Newark, USA April 2018 -March 2019**

**Role: Module Lead(Senior Java developer)**

**Client: Stock BATS Global Markets, JPMorgan**

**J.P. Morgan Securities LLC (JPMS) exchanges and electronic communication networks.JPMS share in the profits that these Trading Systems derive from the execution of JPMS customer.**

* Maintain and bug fixing the login portal using framework Angular 1.2 along HTML, CSS.
* Implemented Spring and Hibernate frameworks along with Restful Webservices in developing the application.
* Developed java/j2ee services custom directives, Factories and Services in RestAPI and implemented code as per the coding standards
* Established Database Connectivity using JDBC for Oracle.
* Developed Mutiple web pages using **Angular 1.2**
* Developed java/j2ee server-side services using Web Services like SOAP&RESTwebservices.
* Involved in developing test plans and test Cases using Selenium automation test tool(**TDDand BDD**)
* Extensively employed object-oriented analysis and design methods with designing and developing applicationsPerformed defect tracking and Management in JIRA, generated automated reports using JIRA API
* Used Spring Core, MVC, AOP, Boot and Security Spring modules for application development.
* Providing support for System Integration Testing & User Acceptance Testing.
* Involved in Requirement Analysis, Design, Development and Testing of the risk workflow system.
* Responsible for designing, coding and developed the application in J2EE using Struts MVC.
* Consumed Web Services to interact with other external interfaces in order to exchange the data in different forms by using Restful service
* Design and Implement reporting solutions using Reporting Services and Develop Identity accee management(IAM) program
* Generated Docker images and deployed in dev and QA server via Gaia Kubernate

**Software Tools:** Java, J2ee, Maven, Git, Spring, Microservice, AOP, MVC, Security, Unit test, Jira, TDD, BDD, Selenium, Cucumber framework, Soap and Restful webservice, Jenkins, Intellij,Splunk,Grafana,Gradle

**Infosys Limited, Austin,Texas,USA, April2016–April2018**

**Role: Technology Analyst (Onsite-Coordinator)**

**Client: Card&Risk Management ,Visa Inc**

**Help to build credit history with card management and Risk Management . The money move into the Credit Builder secured account is the amount user can spend on user cards**

* Involved in analysis, design, coding, testing and deployment phases for J2EE based webapplications
* Designed and Developed Spring MVC based application for carriers
* Setup project for continuous integration in Jenkins
* Involved in design and architecture level decision
* Developed java/j2ee Struts Action Forms, Action classes and performed action mapping using Struts.
* Involved in developing Web Services to send XML request and reading the response SOAP UI from Java platform.
* Tested and modified existing Crystal reports
* Coherence Implemented Java Multithreading to refresh the cache at a given set of time interval
* All Existing payment system architecture to handle **SWIFT** service to ISO 20022 standard.
* Used Log4J for application logging and notification tracing mechanisms.
* Involved in converting Cassandra/Hive/SQL queries into Spark transformations using Spark RDD's
* Established Database Connectivity using JDBC for Oracle.
* Consumed Web Services to interact with other external interfaces in order to exchange the data in different forms by using Restful service.
* Used JIRA for tracking the Project Stories and bug fixing.
* Used GIT to check-in and check-out and co-ordinate among team members for Version Controlling.
* Developed custom directives, Factories and Services in SpringBootand implemented code as per coding standards

**Software Tools:** Java, J2ee, Structs, IBM IID, Webserver, Tomcat, SpringBoot, Microservice, Angular, WCAG, CheckMark, SonarQube,Mongo DB, Log4J, Jira, Soap and Rest web services. Intellij,WAS9

**Infosys Limited,Bangalore,India, Dec 2014 - April 2016**

**Role: Technology Analyst(Senior Java developer)**

**Client: Card&Risk Management ,Visa Inc**

**Help to build credit history with card management and Risk Management . The money move into the Credit Builder secured account is the amount user can spend on user cards**

* Developed java/j2ee RESTful API's, which takes in an HTTP request and produces the HTTP response in JSON format using Microservices.
* Developed java/j2ee service JUnit4 test cases for unit and integration testing, Selenium Automation testing
* Unit testing of the developed/modified application program using different test scenarios and test cases using JUnit and Mockito.
* Responsible for designing, coding and developed the application in J2EE using Struts MVC.
* Implemented Struts framework (Action & Controller classes) for dispatching request to appropriate classes.
* All Existing payment system architecture to handle SWIFT service to ISO 20022 standard
* Developed java/j2ee process to calculate and distribute brokerage for transactions
* Developed Spring based services which listen to Spring Integration HTTP Endpoint for events and Implemented WCAG
* Automation of security scanning tools using Jenkins jobs and drove the adopton of secutiry scanning tools **Fortify**,Black Duck for both development production use
* Providing solution to make application secure and vulerrable free and experince in code analysis using **Fortify** ,black duck appscan ,**checkmark**
* Implementing a Restful Web Services to exchange the data
* Deployed java/j2ee service and tested the application with Application server WebSphere
* Worked on Open Source Software such as Web Servers like Apache Tomcat, LOG4J for logging information and exceptions, Eclipse, Net Beans IDE.
* Providing support for System Integration Testing & User Acceptance Testing.

**Software Tools:** Java, J2ee, Structs, IBM IID, Webserver, Tomcat, SpringBoot, Microservice, Angular, WCAG, CheckMark, SonarQube, Log4J, Jira, Soap and Rest web services. Intellij,WAS9

**Chimera Technology Pvt Limited, Bangalore, India March2014 - Dec 2014**

**Role: Software Engineer(Java developer)**

**Client: Payment System, Goldman Sachs, USA**

**Transaction Banking provides flexible initiation options for payments, including payment API for real-time submission**

* Extensively involved in coding with Core Java concepts like Collections, Exception Handling and Java I/O to implement some business logic.
* Implemented Service Oriented Architecture using JMS for sending and receiving messages while creating web services
* Focused on Test Driven Development; thereby creating detailed JUnit tests for every single piece of functionality before writing the functionality.
* Developed java/j2ee service JUnit test cases for elements, web beans, handlers and view helper classes.
* Coordinating the testing activities in the project, Analysis the functionality, operational, technical issues and scope of work
* Developed Spring based services which listen to Spring Integration HTTP Endpoint for events, Scalable UI changes for all UI modules were also incorporated
* Coding and individual technical development task
* Design and develop BI reporting data module for Marketing Analysis
* Worked as front end developer “Monitoring Customer and Supplier Status”
* Used GIT for version control tool and Spring Tool Suite (STS) for IDE.
* Used Maven as build automation tool for deploying the project on WebSphere Application Server and used Jenkins to perform continuous Integration.
* Used Tortoise SVN to maintain the version of files and took the responsibility to do the code merges from branch to trunk and creating new branch when new feature implementation starts.

**Software Tools:** Java, J2ee, Structs, Tomcat, SpringBoot, Microservice, Jsp, Servlet, Maven, Git,Log4J, Jira, Soap and Rest web services.

**Daemonsoftware Pvt Limited,Bangalore India , Sep 2013 - Jan 2014**

**Role: Consultant(Java developer)**

**Client: MSP Phase 6,Colt**

**Test Portal sends requests to Test Engine to perform tests via WM. Based on theinputs received from the portal user, Test Engine further retrieves full end-end circuitdetails from XNG via WM. Test Engine stores test details and results in its own data storewhich is Oracle .Test Engine will have in-built EMS Test Adapters to connect and perform tests on Overture,**

* Exposes a REST API which is used by dashboard service to display statistics data
* Developed Test Engine, Information stored MySQL/Oracle data stores and performs on the fly aggregation over queues for dashboard queries
* Developed java/j2ee process to calculate and distribute brokerage for transactions
* Written Complex Queries for SQL server for manipulating the data in database.
* Performed defect tracking and Management in JIRA, generated automated reports using JIRA API.
* Used Maven as the build tool and to add dependencies, plug-ins.
* Developed java/j2ee server-side services usingspring MVC, Web Services (SOAP, Restful, WSDL, JAXB).
* Built screens with Spring MVC, JSPs, CSS, and custom JavaScript.
* Worked on Open Source Software such as Web Servers like Apache Tomcat and Apache Struts, LOG4J for logging information and exceptions, Eclipse, Net Beans IDE.
* Used Spring MVC framework to enable the interactions between JSP/View layers and implemented different DPs.

**Software Tools:** Java, J2ee, Structs, Tomcat, SpringBoot, Microservice, JSP, Servlet, Maven, Git, Log4J, Jira, Soap and Rest web services,Ant

**Gameet Technology Pvt Limited, Bangalore, India ,Jan 2011 - Jan 2012**

**Role:** **Nationwide Insurance, ,Software Engineer(Java developer)**

**The Application provides the facility to Add, View, and Modify pending applicationsand New Business Applications online. And the Application provides same features formedical lab results of the insured. Also provides exhaustive and exclusive search options to the user.**

* Involved in debugging and providing technical support to the team
* Implemented the front end using JSP, for dynamic web content
* Build and Deployment of Maven script
* Used Log4J for application logging and notification tracing mechanisms.
* Established Database Connectivity using JDBC for Oracle.
* Used frameworks for generating animations in the user interface.
* Used Core, MVC, AOP, Boot and Security Spring modules for application development.
* Worked on Spring Core modules like IOC and dependency injection.
* Implemented java/j2ee RESTful Webservices by using JAX-RS and Jackson implementations to retrieve data from client side.
* Implemented Spring and Hibernate frameworks along with Restful Webservices in developing the application.

**Software Tools:** Java, J2ee, Maven, Git, Log4j, Weblogic, Jboss, SQL server, Oracle, JSP, Servelt, Unit testing, RestFul web service, Spring security

**APR Technology Pvt Limited,Coimbatore, India, March2010 - Oct 2010**

**Role:System Management , Technology Trainee(Java developer)**

**The Project Management System is an internal project in which it is going tomaintain the new projects assignment to the employee and can show the full details ofthe employee who all are currently working on different projects in the company andmaintain the status and duration of the completed projects.**

* Implementing server business logic using java/j2ee and Design patterns and Developing user interfaces using JSP, HTML and CSS
* Worked as a java/j2ee Developer and involved in analysis of requirements, the design, development, integration, deployment and testing
* Used JIRA for issues and project tracking and documentation
* Worked in TDD and version management tools GitHub, SVN.
* Having hands on experience in deploying web and J2EE enterprise applications on WebLogic, WebSphere, Tomcat and JBOSS Server.
* Responsible for designing, coding and developed the application in J2EE using Struts MVC.
* Used simple Struts Validation for validation of user input as per the business logic and initial data loading.
* Implemented Struts framework (Action & Controller classes) for dispatching request to appropriate classes.
* Developed the ANT scripts for preparing WAR files used to deploy J2EE components.
* Analysis and Bug fixing of the production problems and defects along with enhancements.
* Involved in Requirement Analysis, Design, Development and Testing of the risk workflow system.

**Software Tools:** Java, J2ee, ANT Scripts, SVN, Weblogic, Jboss, Sql server, Oracle, JSP, Servelt, Unit testing, TDD, Struts MVC.

# References

Name : Gauri.Patil,Relationship:Team Lead ,Gauri.Patil@hhs.texas.gov, +1 (512) 809-6179

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