**RahulChekuri**

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**JAVA/J2EE Developer**

**Professional Summary:**

* 8+years of IT experience in analysis, design, development, documentation, implementing and testing of software systems in Java, J2EE and Internet technologies.
* Highly experienced with whole cycle of DTS/SQL server integration services (SSIS 2008/2012) Packages (Developing, Deploying, Scheduling, Troubleshooting and monitoring) for performing Data transfers and ETL Purposes across different servers.
* Expertise in Object Oriented Programming in Java, C/C, SQL, Unix/Linux/Mac/Windows Perl Shell scripting and development of N-tier component-based enterprise web applications.
* Good knowledge of strong design and development experience in C Language, Shell Scripting and relational databases DB2 with MSSQL.
* Excellent Knowledge in Dimensional Data Modeling and analyze Data warehouse by building multidimensional cubes using SQL Server Analysis Services (SSAS).
* Strong Knowledge on Application Development using Software Development Life Cycle SDLC using various methodologies like Waterfall, Agile/Scrum.
* Involved in the Software Development Life Cycle SDLC phases which include Analysis, Design, Implementation, Testing and Maintenance.
* Experience in development of critical business applications utilizing Java, J2EE, JSP, Servlets, Struts, EJB, JDBC, Spring, Hibernate, Web Services, Ajax, JSF, Design Patterns, JNDI, Apache Tomcat 5.5/6.0, IBM WebSphere Application and Portal Server (WAS/WPS) 6.0/v6.1
* Strong hands on experience in developing the Enterprise and Web applications on n-tier Architecture using Java/J2EE, Spring, JSP, Hibernate, Servlets, EJBs, Struts, JNDI, Web services, XML, and JDBC.
* Good knowledge of Spring’s IOC, AOP, Spring MVC and Spring's integration with Hibernate, MyBatis and Struts technologies.
* Extensive experience in frameworks like Spring MVC/IOC/ORM/JDBC/AOP/Context/Security and Struts MVC, architecture, interceptors, action mappings and resource bundles and JSF.
* Used a microservices architecture, with Spring Boot-based services interacting through a combination of REST and RabbitMQ or Apache Kafka message brokers
* Experience writing angular.js code for developing Single page applications (SPA), used several in built language core directives, expressions and modules.
* Experienced in web technology which includes HTML, XHTML, DHTML, Java Script, CSS, AJAX, Groovy Scripting, JQuery, Tiles, Tag Libraries, and Custom Tags.
* Experience in dynamic web development using JQuery, AJAX, Java Script, XML and CSS.
* Expertise in developing front-end systems with JavaScript, Bootstrap, HTML5, CSS3, MVC frameworks such as Angular JS, Ext.JS, Express.JS, Backbone JS, Typescript and Node.JS as a platform for Web applications.
* Familiar with web content accessibility guidelines AngularJS 2.0, Javascript.
* Used Backbone.js and ReactJS to create Controllers to handle events triggered by clients and send request to server.
* Microsoft Azure multi-region replica set replication and Optimizing MongoDB CRUD Operations.
* Implemented Micro Services using Spring Boot and AngularJS.
* Used Apache Kafka in cluster as messaging system between the APIs and Microservices.
* Experience in developing and consuming Web Services using WSDL, SOAP, HTTP, and UDDI. Has good knowledge in RESTful web services.
* Excellent Relational Database understanding and experience with Oracle, SQL Server and MySQL.
* Generated DDL scripts, and wrote DML scripts for creation of database objects in Oracle database.
* Composed and executed MongoDB scripts to insert and update NoSQL database; automating data changes and reporting.
* Developed and deployed applications onto various SDLC based environments using the industry standard techniques of Continuous Integration and Continuous Deployment in Jenkins, which reduces the time for the deployment of microservices.
* Have been involved in building and deployment of the applications by using build tools like ANT, Maven etc.
* Hands-on experience in using Eclipse, SLF4j, Log4j, JUnit, Mockito, TestNG for building, logging, testing JTest for Performance Testing and Clear Case, Microsoft Visual Source Safe, CVS and SVN for version control.
* Excellent Client interaction skills and proven experience in Working independently as well as in a team. Strongly initiative, creative and able to learn new technologies. Ability to deal with people, ability to grasp things fast. Strong sense of team player.

**Technical Skills:**

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| **Web Languages** | Core Java, J2EE (JSP, JSF, Servlets, Struts 2.0, C, C++, Spring Web Flow, JSP Tag Libraries, EJB 3.0, JMS, JDBC, JNDI, JavaScript, SQL |
| **Frameworks** | Spring MVC, Spring Security (LDAP), Spring Core, Spring Webflow, Spring DAO, Spring ORM, Spring Boot, Struts, Hibernate, MyBatis, JSF Framework |
| **Methodology** | OOAD, OOPS, UML, RUP, Autosys, J2EE Design Patterns |
| **Scripting Language** | Java Script, CSS, AngularJS, PHP |
| **Web Technologies** | HTML, DHTML, JavaScript, CSS, AJAX, JSON, JQUERY, AngularJS |
| **Database** | Oracle11g/10g/9i, MySQL 5.x SQL, PL/SQL, TOAD and SQLServer |
| **Operating System** | DOS, Windows, LiUNIX, Red Hat |
| **IDE Tools** | Eclipse, RSA, JBuilder, Oracle ADF, Web Logic, Enterprised Architect, Rational Rose, LDAP, RUP Methodology, Clear Case/Clear Quest, Red Hat JBOSS Developer Studio |
| **Web Services** | SOAP, WSDL, UDDI, SOAP UI, RESTful |
| **Version Control** | SVN, IBM Clear case, CVS |
| **Tools** | RAD, Eclipse, Edit Plus, Apache Ant, log4j, JUnit, Visio, ANT, Maven |
| **Web/App. Servers** | Websphere Application Server 8.0, Apache Tomcat, SunOne Application Server, Web Logic 7.1/8.x, JBoss 4.x/5.x |
| **Other** | MS Office Suite, MS FrontPage, Toad, SQLDeveloper, Microsoft VSS, Test Director, Dreamweaver, putty, GEMS, SOAP UI, C++, Oracle ATG, Drools |

**Professional Experience:**

**Client: BCBS, Detroit, MI AUG 2017-Till Date**

**Role: Java/J2ee Developer**

**Project Description:**

(Centralized Associate Information System) Centralized Associate Information System for US Bank Investment Services, Inc. The goal of CAIS is to centralize the effort of Human Resources within Assert Management Group (AMG). CAIS allows the user to input and update information related to associates and organization structure and assignments. CAIS is a web enabled, multi-tier application used to enter and manage human resource information. CAIS was designed, developed and implemented as a Java J2EE application for this major bank.

**Responsibilities:**

* Involved in Full Software Development Life Cycle (SDLC) from Requirement gathering, design, development, testing and documentation.
* Worked in Agile, CMMI Development Environment. Participated in the daily SCRUM meeting and paired programming to produce quality delivery within time.
* Design common framework for REST API consumption using Spring Rest Templates.
* Design application using Spring Core, Spring MVC, JSP, JSTL and AJAX on the presentation layer, the business layer is built using spring and the persistent layer uses Hibernate and MyBatis.
* Extensively used Spring IOC, configured Application Context files and performed database object mapping using Hibernate annotations.
* Supported account maintenance for financial-services system.
* Developed, tested, and implemented financial-services application to bring multiple clients into standard database format.
* Developed Various Reports like Charts, Matrix, Tabular, and Cross Tab using SSRS.
* Developed reports involved in Passing parameters and cascading parameters using SSRS.
* Built and Deployed reports on the server using SSRS Report Manager.
* Expertise in generating reports using SQL Server Reporting Services and MS Excel spreadsheets and Power Pivot.
* Writing MDX Scripts to create datasets to perform reporting and included interactive drill down reports, report
* Design data model and creating the schema on SQL Azure.
* Design and implement asynchronous processes for delivery of XML files. These processes were connected using Azure Queues to communicate each other.
* Responsible for writing SQL queries, stored procedures, views, triggers, T-SQL and DTS/SSIS
* Migrated data using ETL Tool in SSIS.
* Implemented self-service business intelligence using Microsoft Azure BI.
* Utilized Angular.JS framework to bind HTML5 template (views) to JavaScript object (models).
* Designed and Developed objects using Object oriented design in C++.
* Worked with Angular.JS applications for customer facing software using modern JavaScript development techniques and responsive design methodology.
* Data management and data processing solutions using SSIS, this includes Error Handling and Slowly Changing Dimensions.
* Involved java Multithreading to cascade multiple changes on multiple records in only one transaction and developed a batch process framework.
* Design and develop common utilities for JSON to Java object and vice versa using Jackson libraries.
* Used Core Spring framework for Annotation based Dependency Injection.
* Used Spring AOP to handle transactions session aspects and to implement security.
* Achieved transaction using Spring AOP and Stored procedures.
* Used Spring Core, Spring MVC, Spring ORM modules to integrate with MS SQL to implement the persistence layer with JPA/Hibernate.
* Involved in Ecommerce Project Development using Spring Web Flow and Hybris and developed front-end UI with Backbone.js, jQuery, CSS3, DOJO and AJAX.
* Development back-end with Spring MVC framework on underlying Hybris platform.
* Wrote spring configuration file to define beans define data source and hibernate properties.
* Performed data loading based on multi-consumers using Spring, MyBatis framework
* Used Spring Boot which is radically faster in building cloud Microservices and develop Spring-based application with very less configuration.
* Developed RESTFUL Web Services which are consumed by several clients like Mobile, Tablet, as well Web.
* Developed a cross-device/cross-browser web application for real-time location sharing utilizing AngularJS, JavaScript API.
* Leveraged Underscore.JS functional programming without extending any built-in objects.
* Integrated the Java code (API) in JSP pages and responsible for setting up AngularJS framework for UI development. Developed html views with HTML5, CSS3, Bootstrap and AngularJS.
* Implemented code according to coding standards and Created AngularJS Controller, which isolate scopes perform operations.
* Developed custom directives and Services in AngularJS.
* Extensively used Grunt and Gulp as an associate to NodeJS to establish the connectivity between database and client.
* Utilized React.JS & REDUX for rendering and deployment of end setting web pages.
* Used ReactJS to create views to hook up models to the DOM and synchronize data with server as a Single Page Application (SPA).
* Modularized front-end CSS and JS code with Sass. Built a real-time mouse/click user analytics web service with Node.JS.
* Created sites to organize client contracts and to summarize monthly financial data using Ember.js, D3.js and MS SQL.
* Worked on AWS, High Availability Practices and deploying backup/restore infrastructure.
* Developed API for using AWS Lambda to manage the servers and run the code in the AWS.
* Composed and executed MS SQL scripts to insert and update NoSQL database; automating data changes and reporting.
* Developing scripts for build, deployment, maintenance and related tasks using Jenkins, Docker and Maven.
* Setup Servers (JBoss, Apache and UNIX) and deployed application in Dev, ST and UAT Environment.
* Setup logging using Log4j for tracking the processes and errors.
* Cooperated with testing team in regression testing to fix the defects during the QA phase.
* Worked with the business analysts to gather requirements, create the JIRAS and plan the sprints.

**Environment:** Java 8.0, Design Patterns, WebLogic10.2, Java, C++, J2EE Servlet, jQuery, Spring 4.0.6, Spring Boot, Spring Security, Spring Core, Spring MVC, Hibernate, RESTful API, Web Services, SOAP, WSDL, UDDI, JAX-RS, JSON, React.JS, HTML, AJAX, JavaScript, XML, Angular.JS, NodeJS, MSSQL Server,Reporting Services (SSRS), Crystal Reports, Integration Services (SSIS), SSAS,Azure, Tableau, Sybase, PL/SQL.

**Client: Arrow S3, Plymouth, MI, DEC 2015-JULY 2017**

**Role: Java/J2EE Developer**

**Project Description:**

(Aspect System)Aspect is an intranet application which helps in booking a proposal for a customer. The process of booking goes through different levels which include, registering a customer, creating an Equipment Quote, creating a Service Quote, Applying Sales Margin, Credit Approval, Finalize Sale, Book proposal and Prior Payment estimate.

**Responsibilities:**

* Involved in Design, Development and Support phases of SDLC. Used methodology and participated in **SCRUM** meetings.
* Developed the application using **Spring Framework** which is based on the **MVC** design pattern.
* Data Operations were performed using **Spring ORM** wiring with **Hibernate**.
* Used **AJAX** and JavaScript to handle asynchronous request, CSS to handle look and feel of the application.
* Used **JSP, JavaScript, jQuery, AJAX, CSS3**, and **HTML5** as data and presentation layer technology.
* Design and development of a proof-of-concept real-time notification system using **Node.js**.
* Implement modules into Node.JS to integrate with designs and requirements.
* Used Angular.JS and jQuery library functions for the logical implementation part at client side for all the application.
* Worked on Angular.JS, used its two-way data binding to achieve the feedback functionality from the user.
* Responsible for designing the User Interface by coding in HTML5, CSS3, AngularJS, Bootstrap to build this SPA Single Page Application
* Developed a fully functional prototype application using JavaScript (jQuery and Backbone.js) and Bootstrap, connecting to a REST-full server on a different domain.
* React.JS and Functional Driven JavaScript expert in SPAs, UI Components, Mobile web and Performance optimization. Created custom filter in React.JS in the application.
* Created forms to collect and validate data from the user in HTML5 and ReactJS.
* Developed an application using Ember.js and Django which allows users to publish content to Social Media channels.
* Designed and developed DAO layer with Hibernate standards, to access data from DB2.
* Developed PL/SQL procedure for login module and registration module.
* Extensively used JDBC APIs for database activities on MySQL database server.
* Implemented Coherence Cache which can be used with Spring Annotations.
* Implemented service layer using Spring IOC and annotations and Controllers using Spring MVC.
* Implemented the Project structure based on Spring MVC pattern using spring boot.
* Used Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST API s and Spring Boot for micro-services.
* Worked with RabbitMQ and AMQP Java APIs for Queues to build the application as SOA platform.
* Recommend and develop strategy for integrating internal security model into new projects with Spring Security and Spring Boot.
* Experience in working with open source tools such as Selenium ide, selenium web driver, Cucumber
* Excellent experience of build tools like Maven and managing JAVA automation projects using them
* Create RFP microservices to provide RESTful API utilizing Spring Boot with Spring MVC.
* Wrote services to store and retrieve user data from the MongoDB for the application on devices
* Bottle micro-framework implemented with REST API and MongoDB (NoSQL) as back end database.
* Cloud technologies like Pivotal Cloud Involved in implementing Micro services using spring boot, Pivotal Cloud Foundry.
* Applications developed in Eclipse IDE with **Java, Google Web Toolkit, Hibernate, CSS, JBoss,** and **HTML & Oracle DB**.
* Developed **JUnit test** classes for testing the modules.
* Used **JSON** for data exchange between application modules along with XML.
* Worked with the **JIRA** tool for Quality Center bug tracking.
* Used JMS in the project for sending and receiving the messages on the queue.
* Installation/Support Apache Tomcat for support of Jasper Reports Server.
* Performed J2EE application deployment using JBoss application server on Windows and Linux.
* Install and configure a Linux server to publish applications and the Database.

**Environment:** Java 1.8, Spring MVC, Spring Core, Spring Boot 1.1.5, Spring IOC, Spring Security, Spring Rest, Microservices, Hibernate, MongoDB, JUnit, GitHub, JSON, Jira, XML, JMS, Linux, Drools, Oracle 10g, REST API, MYSQL, JSP, HTML5, CSS3, Ajax, jQuery, Ember.JS, Angular.JS, JavaScript, Bootstrap, React.JS, Windows7.

**Client: American Airlines, TX JUNE 2013– NOV 2015**

**Role: Java/J2EE Developer**

**Project Description:**

(Travelocity) Travelocity is an online travel and a wholly owned subsidiary of Sabre Holdings Corporation. It is the sixth largest travel agency in the United States and the second largest online travel agency. I worked as a Java Developer on the Cruise module of the Travelocity effort

**Responsibilities:**

* Followed agile methodology (SCRUM) for developing this project, with each SPRINT lasting for 2-3 weeks. Involved in analysis, specification, design, and implementation and testing phases of Software Development Life Cycle (SDLC)
* Designed project related documents using Visual Paradigm (Unified Modeling Language tool) which includes Use case, Class and Sequence diagrams.
* Worked on Rally dev for defining user stories, tasks and defects.
* Wrote spring rest controller calls for web application data interactions using jQuery.
* Implemented Struts framework based on the Model View Controller design paradigm.
* Implemented Spring-Struts integration.
* Developed JSPs and helper classes involved in the project
* Configured and deployed the applications on Websphere App Server and Tomcat server
* Implemented various XML technologies like XML schemas, JAXB parsers and XMLBean
* Used Struts MVC Framework to flow the process.
* Struts MVC Architecture is used for developing the project.
* Implemented service method and SQL queries, PL/SQL to interact with Oracle DBMS
* Developed unit test cases using Mockito framework for testing accuracy of code and logging is done using SLF4j + Log4j.
* Used JUnit framework for unit testing of client inbound and outbound web services and Log4j 1.2 to capture the log that includes runtime exceptions.
* Deployed the application on a WebLogic server on a UNIX platform.
* Used Maven 2.0 for create the project archetype and build the interface modules for create war and ear files.
* Used SVN for version control and used eclipse as the IDE for developing the application.
* Managed the development team at offshore and provided necessary information and artifacts.

**Environment:** Java 1.6, J2EE 1.6, HTML, CSS, AJAX, jQuery, JavaScript 1.7, JSP 2.1, Struts MVC, XML 1.0, UML 2.0, Mockito framework(JUNIT), Log4j, SLF4j, Apache Tomcat Server, Eclipse Indigo 3.7, Maven 2.0, SVN, UNIX, Oracle 10g, MySQL, JIRA.

**Client: Credit Suisse Bank, NYC APRIL 2010- MAY 2013**

**Role: Java Developer**

**Project Description:**

S2B Trade application is an integral part of Credit Suisse Bank's Straight2Bank.Trade TI (TING) is a trade transaction initiation platform used by the customers of the bank by logging on to Straight2Bank application. It is a Trade banking tool for corporate customers supports various products. It provides various services to customers including bulk functions, transaction processing status, transaction authorization, customer template maintenance, transaction printing, trade statistics window etc.

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) of the application like
* Requirement gathering, Design, Analysis and Code development.
* Served as a senior developer/lead in the service team
* Developed a frame work using fuse ESB and Apache camel which is used for integrations and services across projects of state street.
* SSGM has multiple systems which needed to talk to each other to get all the required information of the customer and hence camel was used for integration.
* Designed and implemented UI layer using JSP, Java Script, XML, XHTML, XSL, XSLT and businesslogic using Servlets, JSP and J2EE framework.
* Routed the messages from one system to another system by using multiple integration patternslike aggregator, splitter, content enricher, message dispatcher.
* Developed the user interfaces using Angular JS, Java Script, HTML5, DHTML, CSS3 and AJAX.
* Designed Use case diagrams, Class diagrams and Sequence diagrams using UML.
* Developed modules from the scratch for few major and core components of the application.
* Worked as the lead for migration from EJB3 to spring framework.
* Tested the JavaScript code using jasmine.Involved in interaction with client and SMEs.
* Written JUnit Test cases while performing unit testing and worked with QA team for testing and resolve defects.
* Used ANT automated build scripts to compile and package the application and implemented Log4j for the project.Creating XML Documents for file configuration.
* Worked with Oracle PL/SQL queries, Triggers and Stored Procedures.
* Used Struts framework for development&involved in design of portlets for WebSphere Portal.
* Used IOC, AOP of Spring framework as part of development.
* Involved in the development of Web Services module of the applications.
* Involved in the preparation of test cases and performing unit testing using JUnit.
* Used Maven to build and deploy the application.
* Used PUTTY for UNIX login, to do Bootstrap and check the server logs.

**Environment:** J2EE, Oops, Collections, EJB, Angular JS, Servlets, DB2, JMS, JPA,Java Script, Jasmine, Data

Security, Apache camel, Spring, Clearcase, SOAP Web Services, SOAP UI, WebSphere 6,HP Quality

Centre, IBM RSA, PMD, JUnit

**Client: Triniti Advanced Software Labs, Hyderabad, India, MARCH2009– MARCH 2010**

**Role: Java Developer**

**Project Description:**

Triniti Testing Tool facilitates users to automate the testing of java application. It allows GUI testing and regression testing. This tool supports testing at unit level, module level and application level. It creates tests by recording actions performed on the application which is to be tested. Entire business process will be captured in TRi2 and business functionality will be captured in TTT. After applying patch each test case generated from scenarios can be tested without human intervention. If test case fails issue will get raised in TRi2 and hence keeping track of patch, test case and issue.

**Responsibilities:**

* Involved in the integration with Project Management Tool (TRi2). With this integration whole business process can be recorded and can be stored in TRi2 Database.
* Extensive experience in deploying, managing and developing Oracle SQL developer clusters.
* Involved in building database Model, APIs and Views utilizing Python, to build an interactive web-based solution.
* Created Restful API’s to integrate and enhance functionalities of the application. Also Utilized Restful API in communicating with third parties. Involved in development, issue fixing and testing phases.
* Developed feature to capture screen shots while recording and replaying. While replaying if at all any error occurs screen shot captured would convey where exactly error occurred and hence user can conclude is it because of functionality error or technical error.
* Successful in capturing the error line number and the error script line and displaying the same to us.
* For loose coupling between components used Observer Design Pattern so that the changes done in one class will be notified to all other classes that are interested to listen.
* Used Sockets for Inter Process Communication between two JVM's. Eliminated JNI's and DLL's which earlier was used. Hence making product Platform independent
* Implemented Break points feature to stop the replay at a specific line for user convenience.
* Implemented check points in the testing tool to check whether the output value is the one expected by the user.

**Environment**: JDK 1.5, Eclipse, JavaScript, AJAX, Servlets, XML, Tomcat 5.0, DOM, SAX, CVS, Win 2000 Server

**Education Qualification:**Bachelor’s in Computer science from Nagarjuna University, Guntur, India.