

**RahulChekuri**

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**JAVA Full Stack 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.
* 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 SQL.
* Experience implementing Cloud based Linux OS in AWS to Develop Scalable Applications with Python.
* Utilize disciplined modern coding habits self-documenting code, unit testing, and version control.
* 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, typescript**.
* Used **Backbone.js and ReactJS** to create Controllers to handle events triggered by clients and send request to server.
* 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 **DDLscripts**, 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, 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: Deloitte, Detroit, MI, Aug 2017-Till Date**

**Role: Java/J2ee Developer**

**Project Description:**

(Centralized Associate Information System) Centralized Associate Information System 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.
* Designed and developed Micro Web services using spring Boot for customer-based applications. Used
* AngularJS to connect with backend microservices to store, retrieve data to show to front-end.
* Designed and developed browser side MVC, custom directives using AngularJS. Developed services, factory,controller, compile using AngularJS
* Utilized **Angular.JS** framework to bind **HTML5** template (views) to **JavaScript** object (models).
* Worked with Angular.JS applications for customer facing software using modern JavaScript development techniques and responsive design methodology.
* 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
* Build **Microservices** for the delivery of software products across the enterprise.
* Developed spring boot application for writing web services.
* 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.
* Configured the Web.xml file for REST server injection to enable the REST web services by using **JAXB API**.
* 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.
* Implemented the function to send and receive AMQP messages on Rabbit MQ synchronously and asynchronously, and send JMS message to Apache Active MQ on the edge device.
* 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.
* Worked in a test-driven development environment, used JUnit and Mockito for backend test cases, and Karma and Jasmine for the frontend test cases.
* 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, J2EE Servlet, jQuery, Struts, Spring 4.0.6, Spring Boot, Spring Security, Spring Core, Spring MVC, Microservices, Hibernate, RESTful API, Web Services, SOAP, WSDL, UDDI, JAX-RS, JSON, React.JS, HTML, AJAX, JavaScript, XML, Angular.JS, NodeJS, MongoDB, SQL, PL/SQL, Ember.JS, TOAD, Oracle 10g/11g, MQ, Maven, Jenkins, Log4J, JUnit, Mockito, Karma, Jasmine, JIRA.

**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
* Implement REST-based web services with AngularJS.
* 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.
* Used GitHub repository for version control.
* 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 complete software development life cycle.
* Involved in Design and Development of the System using Rational Rose and UML.
* Involved in Business Analysis and developed Use Cases to capture the business functionality.
* Improving the coding standards, code reuse, and performance of the Extend application by making effective use of various design patterns (Business Delegate, View Helper, DAO, Value Object etc. and other Basic patterns).
* Design of system using JSPs, Servlets.
* Designed application using DAO, Data Object, Value Object, Factory, Delegation patterns.
* Involved in the design and development of Presentation Tier using JSP, HTML and JavaScript.
* Involved in integrating the concept of RFID in the software and developing the code for its API.
* Coordinating between teams as a Project Co-coordinator, organizing design and architectural meetings.
* Design and developed Class diagram, Identifying Objects and its interaction to specify Sequence diagrams for the System using Rational Rose.

**Environment:** JDK 1.3, J2EE, JSP, Servlets, HTML, XML, UML, RATIONAL ROSE, AWT, Web logic 5.1 and Oracle 8i, SQL, PL/SQL.

**Client: Triniti Advanced Software Labs, Hyderabad, India, Mar 2009 – Mar 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. Whenever a patch is released that scenario will be tested without manual intervention.
* 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 user.
* 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.