**Rahul M**

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Professional Summary

* Around 7 years of extensive development experience in an environment building n-tier applications for web deployment using Java, J2EE, Spring Frame Work, Spring MVC, Spring Boot, Hibernate and Web Services.
* Extensive SDLC experience including Requirement Analysis, Preparations of Technical Specifications Document, Design and Coding, Application Implementation, Unit testing and System Testing, Functional and Regression Testing and Production Support.
* Expertise in implementing Service Oriented Architecture (SOA) using Microservices, SOAP/RESTful web services and JMS
* Experience in developing web applications using JSP, Spring Boot, Spring MVC Frameworks, EJB, Hibernate, Spring Security, JBOSS, JDBC, Java Server Pages, Servlet, Web Services, JavaScript, JavaBeans
* Good knowledge in relational and NoSQL databases like MySQL, SQLServer, IBM DB2,Oracle, Cassandra, DynamoDB, MongoDB.
* Experienced in working with XML technologies like XSL, XSD, XSLT, SAX, DTD, DOM, XML Schemas, XPath and JAXB.
* Developed applications using Core Java, J2EE, JSP, Servlets, Struts, Spring 3.2, Spring 4.0, Hibernate, Web Services (SOAP, REST), JAX-RS, JAX-WS, JMS, JDBC, XML, JavaScript, Angular, XSLT, JSON, Ajax and jQuery.
* Expertise in designing and developing Web-centric applications using HTML5, CSS3, Java Applets, JavaScript, XML, XSD, JSON, Ajax, jQuery, Bootstrap, Angular.js, Angular2/4/6/7, Node.js, ReactJS, Tag Libraries, Google Web Toolkit (GWT) and Custom Tags.
* Experienced in developing persistence layer using O/R Mapping tool like JPA, Hibernate, Spring-JPA and MyBatis.
* Experience with distributed message brokers Kafka, RabbitMQ, ActiveMQ
* Experience in using Maven and ANT as build tools for the building of deployable artifacts.
* Experience in creating JSON scripts for Cloud Formation based on requirements and launch stacks.
* Performed deployment and support of cloud services including Amazon Web Services (AWS).
* Good knowledge of in Unified Modeling Tools (UML) concepts and extensively worked in designing Use Cases, Class diagrams, Sequence and Object Diagrams using Rational Rose and Microsoft Visio.
* Developed Technical Design (TD), Test Plans (UTP), Test Cases (UTR), Test Scripts for UAT tests
* Good Understanding and hands on experience on various Database tools like Oracle, SQL, PL/SQL, MySQL and NoSQL Database(Cassandra, MongoDB)
* Solid Hands-on experience in end to end implementation of CI and CD (Continuous Delivery), DevOps processes using AWS Code Commit AWS Code Deploy, AWS Code Pipeline, Jenkins, and Ansible
* Expertise in building and deploying of EAR, WAR, JAR files and working with various version control systems such as ClearCase, CVS, SVN, TFS and GitHub.
* Worked extensively with Waterfall, RUP, Agile Extreme Programming (XP), SCRUM Methodologies.
* Excellent analytical, problem solving and interpersonal skills. Ability to learn new concepts fast. Consistent team player with excellent communication skills.

Technical Skills

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| **Languages** | Java, C, C++, SQL and PL/SQL. |
| **J2EE Skills** | Servlets, JSP, JDBC, JNDI, JPA, JMS, JAXB, JSTL, J2EE Design Patterns, SOAP, and RESTful Webservices |
| **Web Technologies** | HTML, JavaScript, Angular 2/4/6/7, React |
| **Frameworks** | JSF, Spring Framework, Hibernate, |
| **Design Patterns** | MVC, DAO Pattern, Singleton Pattern, Front Controller, Factory Pattern |
| **Messaging** | JMS, ApcheCamel, ActiveMQ, Kafka |
| **Database/Tools** | Oracle, IBM DB2, SQL Server, NOSQL, MongoDB, Cassandra. |
| **Web/App Server** | Apache Tomcat, WebLogic, IBM Web Sphere, JBoss |
| **IDE/Tools** | Eclipse, Net beans, WebLogic Workshop, ANT build script, Maven build |
| **Version Control** | CVS, TFS, Subversion, GITHub, Clear Case, VSS, MS Visio |

**Professional Experience**

**Role: Java Fullstack Developer Date: January 2018 - Till date**

**Client: United Parcel Service , Atlanta, GA**

**Responsibilities**:

* Primarily responsibility is application design and development of big data application for business requirements in agreed architecture framework and Agile environment
* Interfaced with upstream and downstream systems to gather requirements. Worked extensively on Spring boot for building web service.
* Involved in developing SQL queries and stored procedures to Insert, fetch and update records into the database using Spring JDBC.
* Used Spring Batch integrated with Quartz to schedule job to generate a fixed length file and FTP it to the mainframe location.
* Developed projects leveraging Angular6/7 and MVC framework.
* Developed high speed distributed computing frameworks AWS EMR, Kafka Streams
* Build and scale REST web services for extremely high availability using multi-datacenter, multi-cloud architecture
* Designed and developed SOAP web service to provide data to other systems.
* Provided spring based RESTful Web service. Responsible for creating and maintaining architecture for Restful API using Spring Boot.
* Used Docker containers to quickly deploy Linux based applications.
* Used AJAX and JSON to make asynchronous calls to the project server to fetch data on the fly.
* Worked extensively on developing controllers, Interfaces and implementation classes using Spring MVC framework & used a Microservice architecture with Spring Boot based service through REST.
* Managed and maintained Oracle and NoSQL databases in production domain.
* Designed 10 Unique themes with rich and flexible to accommodate different scenarios in which the user might want to display the data.
* Used Microservices architecture to break down the monolithic application to independent components.
* Implementing or exposing the Microservices based on RESTfull API utilizing Spring Boot with Spring MVC.
* Developed API for using AWSLambda to manage the servers and run the code in the AWS
* Developed and used REST web services for the reporting frame work.
* Used Maven for Project management and build automation.
* Responsible for configuring Continuous Integration(CI) Server i.e. Jenkins
* Followed Agile & Scrum Methodology for development of the applications.
* Used Liquibase for tracking, managing and applying database changes.
* Automated test cases related to JDBC Connections, JMS and Web Services in Apache JMeter.
* Created purge scripts to purge old data from the Database.
* Troubleshoot build issues in Jenkins, performance and generating metrics on master's performance along with jobs usage.
* Responsible for preparing the release implementation plan and provide support during Production implementation.

**Environment:** Java/J2EE, AWS, Microservices, Spring MVC, Spring JMS, Spring Boot, Spring Security, Spring JDBC, Spring Batch, Angular6/7, Docker, SOAP Web Services, IBM Web sphere MQ, Web logic 12.1.1, XML, Apache JMeter, Sql Server 2012, DynamoDB, Cassandra, Kafka, Maven, Liquidate, SoapUI, Eclipse 3.8 and UNIX.

**Role: Java Developer Date: April 2017- December 2017**

**Client: HP Inc., Palo Alto, CA**

**Responsibilities**:

* Implemented application level persistence using Hibernate and spring.
* Involved in detail design developing use cases, use case diagrams, class diagrams, sequence diagrams and high-level activity diagrams using UML from the requirements.
* Implemented the Connectivity to the Data Base Server Using JDBC.
* Developed web application using JavaScript frameworks like Angular1.4/2/4, and Node JS.
* Used Web Services (SOAP) for transmission of large blocks of XML data between two interfaces.
* Installing and Configuring Eclipse and Websphere application Server.
* Deployed the applications on IBM WebSphere Application Server.
* Responsible for creating and maintaining architecture for Restful API using Spring Boot.
* Setup Github and use of Git bash for code submission in GitHub repository.
* Installed and configured Hudson/Jenkins for Automating Deployments and providing an automation solution.
* Involved in the process of **data modeling** Cassandra Schema
* Created Typescript reusable components and services to consume REST API's in Angular 2.0
* Developed test cases and performed unit test using JUnit Framework.
* Designed and developed the application using agile methodology and followed TDD, Scrum.
* Involved in writing Java API for Amazon Lambda to manage some of the AWS services
* Developed the Servlets for processing the data on the server.
* Used Maven to build and generate code analysis reports.
* Analyzed the Maven dependency management in the base code to annotate the dependencies on to Spring Boot application into Gradle for Microservices.
* Implemented API controllers (SOAP and REST) and web services client classes to interact with downstream systems.
* Deployed and Monitored Micro Services Using Pivotal Cloud Foundry, also Managed Domains and Routes with the Cloud Foundry.
* Used AWS Beanstalk for deploying and scaling web applications and services developed with Java.
* Used SAX and DOM parser to parse the XML documents and XSLT for transformations.
* Analyzed business requirements and documented them into business stories in JIRA
* Based on Service Oriented Architecture (SOA) using AXIS web service framework.
* Used Java Messaging Services (JMS) for reliable and asynchronous exchange of important information
* Deployed the developed web components on Apache Tomcat Web-Server.
* Involving in Building the modules in LINUX environment with ant script
* Writing and Optimizing MySQL Queries and connect queries to story.

Environment: Docker, AWS, Micro Services, Spring, DB2, CRUD, PL/ SQL, JDBC, MongoDB, Cassandra, AngularJs, Apache CXF, Git, GitHub, Junit, Scrum, UML, JSP, JSTL, Servlet, Maven, XML, JIRA, Web 2.0, SOA, JMS, Apache Tomcat, LINUX, PHP

**Role: Java Developer Date: January 2016 - March 2017**

**Client: Walmart, Chicago, IL**

**Responsibilities:**

* Involved in designing and developing the RDBMS to build up the required databases to provide the client with desired application functionality.
* Spring ORM with Hibernate was used to develop entities, DAO and services to manage the databases. Furthermore, the project's models and repositories were implemented using Spring Annotations.
* Created and implemented RESTful Web Services using spring to retrieve relevant data from the central repository to render into the UI.
* Implementing Spring MVC XML based configurations and the Controllers to map the user requests and return the ModelAndViewobjects.
* JavaScript was used to design the User Interface and dynamic web pages, and Angular helpedrender and provide a more user-friendly experience.
* Designed web page components using JavaScript/Typescript and Angular for incorporate nested views in Single Page Application using routes and achieving access grant using Route Guards.
* HTML, CSS, JavaScript, MongoDB and Angular were used for frontend to develop the database and web system for rendering facile course management for the users.
* Used Angular as a framework to create a Single Page Application (SPA) to bind data to speciﬁc views and synchronize data with the server.
* User Interface was crafted with HTML, CSS and JavaScript.
* Used Mongoose to access the documents from the Node-JS web server and build data models for the entities in the database schema.
* Used Git as Version Control System to manage and synchronize the code efficiently with the team.
* Used JIRA for bug management/fixes, and JUnit provided unit testing.

**Environment:** Java, spring, RESTful Web Services, Hibernate, Node.JS, Mongoose, MongoDB, MySQL, Angular, Typescript, Bootstrap, HTML, CSS and Git.

**Role: Java Developer Date: January 2015 – December 2015**

**Client: KOHL’s, Menomonee Falls, WI**

**Responsibilities:**

* Prepared High-Level requirement documents upon gathering requirements and discussed with the technical team regarding the feasibility of the requirements.
* Involved in writing SQL Queries, Stored Procedures and Triggers.
* Used Bootstrap, NodeJS for effective design of Web pages.
* Working on the spring framework like Spring IOC and Spring DAO.
* Design and implementation of front-end User Interface development using HTML, DOM, CSS, JSP, JSTL, Java script and JQuery and AJAX.
* Implemented the MVC architecture using Apache Struts Framework.
* Configuration and deployment of application on to JBOSS application server.
* Developed various EJB's to handle business logic.
* Worked on JDBC to select and update the data from the MySQL database
* Designed and implemented database structure in MySQL Server
* Written and consumed webservices using SOAP based.
* Used SOAP UI for testing SOAP based webservices.
* Performed Java web application development using J2EE and Netbeans.
* Involved in creation of automation framework using Selenium and testing.
* Involved in Requirement analysis, design and Implementation applying the Water fall model.
* Wrote Servlets programming and JSP scripting for the communication between web browser and server.
* Working with the JIRA tool for Quality Center bug tracking.
* Developed Swing for user interaction and data presentation.
* Deployed the complete Web applications in Tomcat Application server.
* Install and configure a LINUX server to publish applications and the Database
* Automated daily task by writing PL/I and UNIX shell scripts.
* Involved in packaging, deployment and upgrade of different modules of SAS on JBoss App server.
* Developed Java Script and Action Script, for Client-Side validations.

Environment: Java, JEE, Spring, JSF, EJB, JQuery, MySQL, SQL Server, DB2, SOAP, WSDL, Netbeans, JBOSS, ClearCase, Selenium, Water Fall Model, UML, JSP, Servlet, ANT, XML, JIRA

**Role: Software Developer Date: September2012 - December 2014
Cignity technologies Hyderabad, India**

**Responsibilities:**

* Applied Use Cases diagram to validate and test web application design against the UI architecture.
* Created web pages for each project using XHTML, CSS, and JavaScript.
* Used JQuery to handle the client-side validations.
* Created Typescript reusable components and services to consume REST API's using Component based architecture provided by Angular JS. Also developed internal services using Java and Node.js.
* Responsible for transforming designed mock–ups to web pages.
* Used to update the HTML pages using JQUERY AJAX via JSON response.
* Designed web pages and used applications that meet business needs and user goals through a user experience.
* Designed and developed AJAX calls to populate screens parts on demand.
* Developed Web applications that are cross – browser compatible.
* Responsible in creating the screens with table less design.
* Performing new–website support research in the areas of Latest Web Technologies, Usability, Accessibility, and User Experience.

**Environment:** HTML, XHTML, CSS2/3, JavaScript, jQuery, AJAX, JSON, JavaScript, Visio and Eclipse IDE.