**Ravindra Reddy Pulusu**

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**PROFESSIONAL SUMMARY:**

* Having 8 years of experience in all the technical phases of Software Development Life Cycle (SDLC) including Requirement Analysis, Design, Implementation and Testing in both Web based and Enterprise applications with emphasis on Object Oriented, Java/J2EE and Client Server technologies.
* Experience in developing the application with Agile Methodology and Waterfall Methodology.
* Experience in Front-End UI technologies like HTML5, CSS3, JQuery, JSON and React.
* Working experience with React based web application for front-end interface.
* Good working knowledge with Java 8 & Java 11 applications.
* Hands on Experience in developing web applications by using spring framework modules like Spring MVC, Spring Security, Spring Boot, Spring Batch and Spring Data.
* Expertise in developing data models using Hibernate Object relational mapping (ORM) framework and used Hibernate Annotations to reduce time at the configuration level.
* Experience with Cloud Computing environment like Amazon Web Services (AWS), Docker Containers.
* Handled operations and maintenance support for AWS cloud resources which includes launching, maintaining and troubleshooting EC2 instances, S3 buckets, Auto Scaling, Dynamo DB.
* Handle deployments in Jenkins as part of CI/CD pipeline.
* Proficient in developing J2EE enterprise applications in Service Oriented Architecture and Micro Service Architecture.
* Expert in Core Java with strong understanding of Garbage Collector, Collections, Multithreading, Event handling, Exception handling and Generics.
* Expertise in J2EE Technology- Spring, JDBC, JTA, JPA, Hibernate and JMS.
* Worked with design and development of robust and highly scalable Web Service platforms and API’s based on REST framework.
* Experience in working with OpenShift to manage container images for application deployment.
* Expertise in back-end/server-side java technologies such as: Web services, Java persistence API (JPA), Java Messaging Service (JMS), Java Database Connectivity (JDBC) and Java Naming and Directory Interface (JNDI).
* Experienced in building Web Services for Service Oriented Architecture (SOA).
* Good Understanding in databases such as Oracle, MySQL, Mongo DB databases to manage tables, views, indexes, sequences, stored procedures, functions, triggers, and packages.
* Experience in using Apache Kafka for real-time data streaming with larger volumes for enterprise applications.
* Apache Camel has been used for data streaming integrated across different systems.
* Proficient with build automation tools like Gradle, Maven and Ant for builds and deployments to different environments.
* Experience on different IDEs such as Eclipse, Spring Tool Suite, IntelliJ, Visual Studio Code and deployment using application Servers like Apache Tomcat, Camel and JBOSS.
* Experience with JUnit, Mockito, Log4j in developing test cases and determining application functionality.
* Experience on UNIX/LINUX shell scripting and deployment of applications in server.
* Decent Experience in using code repository tools GIT, Bitbucket.
* JIRA is used for project management & tasks tracking.
* Confluence is used for documentation of the application knowledge & private workspaces.
* Strong communication and analytical skills and a demonstrated ability to handle multiple tasks as well as work independently or in a team.

**TECHNICAL SKILLS:**

* Programming Languages: C, C++, Java 1.8, J2EE and PL/SQL, Python
* Tools and Framework: Spring, Spring Boot, Hibernate, Spring MVC, Spring Batch, Spring Data, Spring Security, JUnit, SOAP UI, JReport
* J2SE/J2EE Technologies: Java, J2EE, JDBC, JSP, JMS, Java Beans, JSTL, JSF, spring, Hibernate, JTA, JNDI, JPA JMS, Web Services (JAX-RPC, JAX-WS, SOAP, REST, WSDL, UDDI and RESTFUL)
* Web Technologies: HTML5, CSS3, JavaScript, JQuery, JSON, React
* Cloud Technologies: AWS EC2, S3, Dynamo DB
* Databases: Oracle, SQL/MySQL server, MS SQL, MongoDB
* Web/Application Servers: Apache Tomcat, Web logic Application server, JBOSS
* Build Tools: ANT, Maven, Docker, Jenkins, OpenShift
* IDE / Tools: Eclipse, IntelliJ, Spring Tool Suite (STS), Visual Studio Code
* Testing Tools/ Others: JUnit, Mockito, Soap UI, Log4j, JIRA and Confluence
* Data Streaming: Apache Kafka, Apache Camel
* Version Control: Bitbucket and GIT
* Platforms: Windows, Linux and UNIX
* Methodologies: Agile,Waterfall

**PROFESSIONAL EXPERIENCE:**

**Deutsche Bank Cary, NC Nov 2020– Till Date**

**Full Stack Java Developer**

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle (SDLC) such as requirements gathering, modeling, analysis, design, development, and testing.
* Working on a Java Spring Boot application and React for frontend.
* Used Java 8 features like streams and Lambda expressions.
* Maintained Interface compatibility and concurrency in the project using Java 1.8 new features like default, static methods and Concurrency API.
* Apache Kafka is used in handling messages of real-time data streaming.
* Apache Camel is used for data streaming to integrate between different systems.
* Involved in development application into Micro Service Architecture based RESTful Service and deployments were done on OpenShift.
* Trained the NLP/NLU models to align the model’s understanding with customer’s sentiments. Maintained the fallout rates below 5%.
* Excellent knowledge of NLP/NLU classification alogorithms.
* Designed and developed Micro Services business components using Spring Boot.
* Involved in deployments of Java based application on Linux environment.
* Handle application data in Oracle database.
* Used Spring Batch for processing large amounts of data like transaction management, job processing, resource management and logging.
* Secured the API's by implementing OAuth 2.0 token-based authentication/authorization scheme using Spring Security.
* Used Hibernate ORM framework as persistence engine and wrote Hibernate Queries to automate the mapping between Oracle database and Objects in Java.
* Involved in writing SQL and Stored Procedures for handling complex queries and accessing them through Java Programs from Oracle Database.
* Used Apache Tomcat server to route our JMS queue messages to different business floors and configured routes in Tomcat and used JMS in e-mail notification.
* Worked on setting up Maven scripts to build, package, and deploy application code to the target Tomcat Application Servers and worked on continuous integration servers like Jenkins.
* Hands on Coding to build REST Micro Services using Spring Cloud, Oracle, XSD, JSON, Spring Config, and Jenkins.
* Worked on developing RESTful endpoints.
* Focused on Agile development there by creating JUnit tests.
* Worked in Agile TDD environment using SDLC tools like Bitbucket, Jira, Jenkins, and Maven for building, packaging and deployments of the application components.

**Environment:** Agile methodology, Java 1.8, Java 11, J2EE, HTML5, CSS3, JavaScript, jQuery, Apache Kafka, Apache Camel, Hibernate, Spring, Spring Boot, Spring Batch, XML, JSP, JAX-RS, Spring AOP, Spring Security, Oracle, JSP, Micro Services, OpenShift, JMS, GIT, JIRA, PL/SQL, Intellij, JUnit, Log4J, Maven, Jenkins, Apache Tomcat Application Server, OpenShift.

**State of Tennessee Nashville, TN May 2018 – Oct 2020**

**Java Developer**

**Responsibilities:**

* Designed & developed application using Spring MVC & Spring Templates.
* Used various Core Java concepts like Exception Handling, Collection API’s to implement various features and enhancements.
* Used Oracle 11g hosted in Amazon RSD as the Database.
* Used Hibernate for connecting to the database and mapping the entities using hibernate annotations.
* Designed and developed the framework to consume the web services hosted in Amazon EC2 instances.
* Worked with Spring Core, Spring MVC Framework for Dependency Injection (DI) and Spring Context to provide message sources.
* Building reusable components and front-end libraries by using React.
* Amazon EC2 is also used for deploying and testing the lower environments such as Dev, INT & Test.
* Amazon IAM was used to maintain the user credentials and also involved in creating custom IAM policies to various groups defined within the organization.
* Object storage service Amazon S3 is used to store and retrieve media files such as images.
* Cloud Watch is used to monitor the application and to store the logging information.
* Involved in writing Java API for Amazon Lambda to manage some of the AWS services.
* Developed AngularJS Single Page Applications consuming JSON data from Restful Services.
* Involved in setting up Maven configuration and helping Continuous Integration (CI) issues.
* Extensively used GIT as the version controlling tool.
* Configured Log4j for adding the debugging information in the code base.
* Involved in Jenkins configuration.
* Worked on production issues, used JIRA for a issue tracking.

**Environment:** Java, Multithreading, core Java, Spring 4.0, Hibernate, JSP, AngularJS, Oracle 11g, Amazon EC2, GIT, Jira, Junit, Log4j. ­­

**Western Union San Fransico, CA May 2016 – Apr 2018**

**Junior Java Developer**

**Responsibilities:**

* Involved in SDLC requirements gathering, analysis, design, development and testing of application, developed using AGILE/Scrum­­ methodology.
* Used Spring MVC Design Pattern to hold the UI data and serve the request and to send the response.
* Connected to Data sources and performed operations using Spring Data Framework features like Spring JDBC and Spring ORM.
* Designed and developed Microservices business components using Spring Boot.
* Implemented RESTful Web services in Service Oriented Architecture (SOA) to retrieve data from client side and made REST API calls and parsed the data to client and handled the security and Authorization using Spring Security and OAuth2 authentication protocol respectively.
* Configured AWS Cloud watch to monitor AWS resources and application.
* Good understanding of AWS Elastic Block Storage (EBS), various volume types and utilization of different types of EBS volumes based on requirement.
* Troubleshoot AWS EC2 Status check including System Status checks and Instance Status check alerts.
* Experienced first-hand the best/worst practices for integrating Microservices into existing system architecture.
* Consumed REST based Microservices with Rest template based on RESTful APIs.
* Integrated Spring DAO for data access using Hibernate to fetch data from database and avoid redundant database access statements.
* Developed tools using Python, Shell scripting, XML to automate some of the menial tasks. Interfacing with supervisors, artists, system administrators and production to ensure production deadlines are met.
* Real time streaming the data using Spark with Kafka.
* To lookup queues, I used Spring JMS module and MDBs for listeners.
* Extensively used HQL and SQL for querying databases.
* Created Stored Procedures, functions, views, indexes and constraints, triggers required SQL tuning to reduce the response time in the application.
* Built NoSQL schemas and maintaining sessions by MongoDB.
* To get AJAX functionality for the website wrote JavaScript and jQuery programming.
* Using HTML, jQuery and JavaScript created a GUI interface for the web page.
* To identify user login information written UNIX shell scripts.
* Developed and executed unit test cases using JUnit.
* Packaged and deployed the application in IBM WebSphere.
* Used Maven building tool for creating EAR file deployed in application servers and used for dependency management of code in application.
* Configured Kafka to read and write messages from external programs.
* Resolved bugs/defects in application by coordinating with team members of the project to assure a positive outcome.
* For application logging and notification, tracing mechanisms are used Log4J.
* To keep track of issues and tasks on individuals, we used JIRA ticketing system.
* As a version, control tool used GIT.
* Used Eclipse integrated IDE to build the application.

**Environment:** Java, HTML5, CSS3, JavaScript, AJAX, Python, Apache Kafka, Spring MVC, Spring Boot, Spring Security, Spring Data, JSP, Hibernate, Servlet, JDBC, Restful, OAuth2, JAX-RS, Jersey, XML, AWS, Microservices, Oracle, MongoDB, Eclipse 1.8, WebSphere, GIT, JUnit, Maven, JIRA, Agile/Scrum Methodology. ­­

**EDUCATION:**

Master’s in computer science, University of Bridgeport, CT **2016 - 2017**

Bachelor’s in information technology, Acharya Nagarjuna University **2011 - 2015**