**Rajitha Panguluri Phone: (706) 350-2790**

**Email ID:** [**rajithapjava9@gmail.com**](mailto:rajithapjava9@gmail.com)

[linkedin.com/in/rajitha-panguluri-909211256](https://www.linkedin.com/in/rajitha-panguluri-909211256)

**Professional Summary :**

* 9+ years of experience working as a Java /J2EE developer in designing, developing, deploying, and maintaining web- based, user-centric, client/server applications along with Enterprise and Distributed applications.
* Expertise in Java programming and have good understanding on **OOPs, Collections, Exceptions Handling, Input/output (I/O) System, Annotations, Concurrency, Multi-Threading, Lambda and Generics**.
* Expert level experience with Web based Application design & development using **Java, J2EE, Spring Boot, Spring, Hibernate, Oracle, SQL,Golang**
* Proficient in developing front-end systems with JavaScript, jQuery, Ajax, Bootstrap, HTML5, CSS3 and JavaScript frameworks such as **AngularJS** library.
* Ability to create Single Page Application using Angular JS framework.

# Developed and maintained React Js web applications for the company’s clients, including bug fixes, enhancements, and new features.

* Collaborated with other developers to ensure code quality standards are met and followed best practices in software development.

# Provided technical support to customers via email or phone regarding issues related to application functionality or performance.

* Assisted in testing of applications by providing feedback on usability and functionality as well as identifying any defects that may exist within an application prior to release.

# Participated in daily stand-up meetings, bi-weekly sprint planning meetings, weekly status meeting, and monthly all hands meeting with the team to stay up-to-date on project progress and roadmaps.

* Experience in building **REST API**s providing backend capabilities to interface with OpenStack and other downstream APIs.
* Experience on Object Oriented Design Patterns such as Singleton Pattern, **MVC** Pattern, Factory Pattern, Builder Pattern and DAO Pattern with exposure to **UML** Modeling.
* Good experience working with the Java1.8 and JDK1.8 and implemented the new feature like Lambda Expressions, Functional Interface, Streams, Java Time API.
* Experience working with AWS Resources such as EC2, S3, Elastic Kubernetes Service, Application load balancer, IAM (Security Groups, Roles, Policies), RDS, **DynamoDB.**
* Experience in using Spring Security with OAuth2 for SSO service.
* Expertise in implementing the persistence logic using JDBC, JPA, Spring JDBC, Hibernate framework.Knowledge of **XML**-based standards and protocols such as WSDL and SOAP, **Service Oriented Architecture SOA,** development of **XSD** schemas and implementing both **SOAP** and **REST web services**.Extensively worked on Micro Services using **Spring Boot, Spring Data and REST**
* Expertise in implementing Service Oriented Architecture by using **RESTful web services**.
* Hands on experience in **Amazon Web Services (AWS**), services like EC2, S3, IAM, ELB (Load Balancers), RDS, VPC, Route53, Cloud Watch, Cloud Formation, IAM, SNS, SQS, Lambda, API gateways, Security groups.
* Experience with **AWS Cloud formation Scrip**ts and launch configurations to automate repeatable provisioning of AWS resources for applications.
* Deep hands-on experience on building scalable web service architectures with various relational **MySQL, OracleDB.**
* Experience in working with **NoSQL** databases like **Cassandra, MongoDB** and **Elastic Search**.

# Participate in planning, retrospectives, demos and daily stand-ups

* Design and implement scalable and robust approaches to caching, security, and databases

# Develop and use web-based APIs (especially REST-based APIs)

* Design and develop high-volume, low-latency applications for systems, delivering high-availability and performance.

# Contribute in all phases of the development lifecycle, prepare and produce releases of a software application.

* Good experience in process like Agile and Test driven methodologies.
* Worked with Test Driven Development.
* Experience with messaging systems like **Kafka, Kafka event sourcing, ActiveMQ** and **RabbitMQ**.
* Experience in creating and handling real time data streaming solutions and handling messaging services using **Apache Kafka**.
* Set up and maintained Logging and Monitoring subsystems using **ELK stack (Elasticsearch, Logstash and Kibana).**
* Experience in using IDE tools like **IntelliJ IDEA, Eclipse, NetBeans,** and **Visual Studio Code**.
* Good working knowledge in extreme programming tools like **Gradle, Maven and Ant**.
* Experience in java application testing using JSF UNIT and SoapUI for unit testing.
* Extensive experience in working with Unit testing frameworks **Junit** and integration testing with **Mockito**.
* Also worked with Spock testing framework using **Groovy** syntax.
* Good experience working with **Continuous Integration and Deployment (CI/CD)** tools like **Jenkins**, **Docker**.
* Worked on CI/CD tool Jenkins to automate the build process from version control tool into testing and production environment.
* Expertise on using Amazon AWSAPI tools like: Linux Command line, puppet integrated AWSAPI tools
* Experience in using version control and configuration management tools like **GIT**, GitHub and **CVS**.
* Strong analytical, interpersonal and communications skills. Demonstrated track record of analyzing situations, implementing in a fast-paced environment.
* Excellent team player, very dynamic, flexible with positive attitude and excellent learning skills.
* An avid learner with an ability to employ new ideas, concepts, and technologies to achieve organizational goals.

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Language** | Java, JavaScript, C, C++, Python, SQL,Golang |
| **Java Technology** | JSP, Servlet, JPA, JUnit |
| **AWS Components** | EC2, AMI, IAM, ELB, Auto scaling, SNS, SES, S3, RDS, VPC, Route53,  Cloud Watch,Dynamo DB, Cloud Formation, Security groups. |
| **Web Services** | RESTful, SOAP |
| **Frameworks** | Spring (MVC, Core, Data), Hibernate, Spring Boot, JDBC |
| **Message Queues** | Apache Kafka. |
| **Application Server** | Tomcat, WebLogic |
| **Data Bases** | Oracle, MySQL, Cassandra, MongoDB, Elastic search |
| **Query Language** | SQL, PL/SQL, HQL |
| **Version Control** | Git, GitHub, CVS |
| **Operating System** | Linux, Mac OSX, Windows, |
| **Logging/Monitoring tools** | Splunk, Kibana |

|  |  |
| --- | --- |
| **Container Technologies** | Docker, Kubernetes |
| **Build Tools** | Ant, Maven, Jenkins |
| **Testing** | JUnit, Mockito, Spock |
| **IDE** | IntelliJ, Eclipse, NetBeans |

**EDUCATION : BCA ICFAI UNIVERSITY COMPLETED YEAR: 2010**

**PROFESSIONAL EXPERIENCE**

**Express Scripts, New Jersey May 2023 - Current**

**Role: Full Stack Java Developer**

**Responsibilities:**

* + Involved in **design,** development and **testing** of software development life cycle
  + Responsible for requirement gathering from the **Business Analysts** and for preparing the requirement specification document
  + Involved in structuring and execution of **MVC** configuration design utilizing **spring** framework for Web-level
  + Involved in developing code for obtaining bean references in **spring** framework using Dependency Injection **(DI)** or Inversion of Control **(IOC)** using annotations. This functionality is implemented by developing **RESTFUL** web services using **spring boot**
  + Worked on developing the backend part of the application involving **spring framework, and Web Services**
  + Worked with **Lambda expressions** and **Functional interfaces.**
  + Used **Java 1.8** features like **stream, lambda expressions, functional interface, collections, Date/Time changes**

and **type annotations.**

* + Worked on Design and developed **Micro Services** business components using **Spring Boot.**
  + Extensively worked on Implementing **Spring Boot Micro Services** to divide the application into various sub modules.
  + Implemented Multithreading, Concurrency, Exception Handling, Generics and Collections whenever necessary.
  + Implemented Bean classes and configured **in Spring configuration** file **for Dependency Injection**.
  + Developed Controller Classes using **Spring MVC, Spring AOP, Spring Boot, handled security using Spring Security.**
  + **Developed Rest Api to processes the data from DB to another Rest Service**
  + Integrated **REST API** with **Spring** for consuming resources using **Spring Rest Templates** and developed

**RESTful web services interface** to Java-based runtime engine and accounts.

* + Led redesign of C# notification system leveraging **Golang**, Postgres, Kafka, and Docker to deliver a more scalable and available solution serving almost 100k requests per day.
  + Used MySQL, **DynamoDB** and Elastic-cache to perform basic database administration.
  + Utilize Cloud Watch to monitor resources such as EC2, CPU memory, Amazon RDS DB services, Dynamo DB
  + Initiated mappings among the relations and written named HQL queries using **Hibernate.**
  + Implemented data access layer i.e. DAO Classes using Hibernate as an ORM tool and configured xml files according to hibernate framework.
  + Implemented persistence layer using **Hibernate** that use the POJOs to represent the persistence database.
  + Developed and consumed **RESTful web services** to retrieve configuration JSON documents related to customer.
  + Experience with **MongoDB** Installation, Configuring and Monitoring.
  + Worked on **MongoDB** database concepts such as locking, transactions, indexes, sharding, replication, schema design, etc.
  + Designed and developed a decision tree application using **Neo4J** graph database to model the nodes and relationships for each decision.
  + Implemented **Neo4j** to integrate graph databases with relational database and to efficiently store, handle and query highly connected elements in your data model especially for object oriented and relational developers.
  + Implemented **Kafka** producer and consumer applications on Kafka cluster setup with help of **Zookeeper**.
  + Used **Apache Kafka** for distributed publish-subscribe messaging system that is for alerting and reporting on operational metrics to **Kafka** producers and consumers.
  + Good experience in process like Agile and Test driven methodologies.
  + Worked with Test Driven Development.
  + Used Elasticsearch for powering search, logging and monitoring systems end to end.
  + Responsible to designing and deploying new **ELK** clusters (Elasticsearch, logstash, Kibana, beats, Kafka, zookeeper etc.
  + Developed Rest Api in Node JS using express service.
  + Built multiple SDK’s in. Golang to be used by multiple teams across the company.
  + Wrote **Docker files** for micro services, also dockerized testing environment for those services.
  + Leveraged Linux Containers and **AMI's** to create **Docker Images/ containers** images, tagging and pushing images.
  + Developed **Angular8** services, controllers and created models for two-way data binding.
  + Designed user Interface using **Angular8** UI components such as tabs, grids, dropdowns etc and configured the routing service using **Angular8** router. Involved in developing Angular-JS directives to do reusable UI components.
  + Implemented **Angular8** form validations and used Bootstrap to show error, warning and info messages.
  + Used **Angular8** Resource and http services to retrieve the data from server and to display the content on the browser and took part in creating custom reusable components.
  + Used **Jenkins** pipelines to drive all micro services builds out to the **Docker registry** and then deployed to

**Kubernetes**, created **Pods** and managed using **Kubernetes**.

* + Used Zookeeper, to set the offset to the Api’s and to prevent the lose of messages when passing from one api to another in the system.
  + Designed **Java API** to connect the **Amazon S3** service to store and retrieve the media files.
  + Using **Amazon RDS** hosted the **MySQL** database in the cloud.
  + Implemented complete **Maven** build life cycle to achieve organized application structure and conflict free dependencies in pom.xml file.
  + Deployed applications into Continuous integration environments like **Jenkins** to integrate and deploy code on CI environments for development testing.
  + Used **JIRA** tool for Issue/bug tracking, monitoring of work assignment in the system.
  + Developed **Git** controls to track and maintain the different version of the project.

**Environment:** Java, J2EE, Spring 4.2, Hibernate 4.3, AWS(EC2, S3, IAM), Spring MVC, Spring Boot, Micro Services, HTML, CSS, Java Script, jQuery, REST Web Services, MongoDB,Neo4J, ELK Stack, Kafka, Docker, Kubernetes, AWS S3, RDS, MySQL , Maven, JUnit, JMS, Jenkins, JIRA, Git.

**Hitachi, Charlotte, North Carolina April 2019 – April 2023 Role: Full Stack Java Developer**

**Responsibilities:**

* + Involved in **design,** development and **testing** of software development life cycle
  + Responsible for requirement gathering from the **Business Analysts** and for preparing the requirement specification document
  + Involved in structuring and execution of **MVC** configuration design utilizing **spring** framework for Web-level
  + Involved in developing code for obtaining bean references in **spring** framework using Dependency Injection **(DI)** or Inversion of Control **(IOC)** using annotations. This functionality is implemented by developing **RESTFUL** web services using **spring boot**
  + Worked on developing the backend part of the application involving **spring framework, and Web Services**
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  + Used **Java 1.8** features like **stream, lambda expressions, functional interface, collections, Date/Time changes**

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  + Extensively worked on Implementing **Spring Boot Micro Services** to divide the application into various sub modules.
  + Implemented Multithreading, Concurrency, Exception Handling, Generics and Collections whenever necessary.
  + Implemented Bean classes and configured **in Spring configuration** file **for Dependency Injection**.
  + Developed Controller Classes using **Spring MVC, Spring AOP, Spring Boot, handled security using Spring Security.**
  + **Developed Rest Api to processes the data from DB to another Rest Service**
  + Integrated **REST API** with **Spring** for consuming resources using **Spring Rest Templates** and developed

**RESTful web services interface** to Java-based runtime engine and accounts.

* + Led redesign of C# notification system leveraging **Golang**, Postgres, Kafka, and Docker to deliver a more scalable and available solution serving almost 100k requests per day.
  + Used MySQL, **DynamoDB** and Elastic-cache to perform basic database administration.
  + Utilize Cloud Watch to monitor resources such as EC2, CPU memory, Amazon RDS DB services, Dynamo DB
  + Initiated mappings among the relations and written named HQL queries using **Hibernate.**
  + Implemented data access layer i.e. DAO Classes using Hibernate as an ORM tool and configured xml files according to hibernate framework.
  + Implemented persistence layer using **Hibernate** that use the POJOs to represent the persistence database.
  + Developed and consumed **RESTful web services** to retrieve configuration JSON documents related to customer.
  + Experience with **MongoDB** Installation, Configuring and Monitoring.
  + Worked on **MongoDB** database concepts such as locking, transactions, indexes, sharding, replication, schema design, etc.
  + Designed and developed a decision tree application using **Neo4J** graph database to model the nodes and relationships for each decision.
  + Implemented **Neo4j** to integrate graph databases with relational database and to efficiently store, handle and query highly connected elements in your data model especially for object oriented and relational developers.
  + Implemented **Kafka** producer and consumer applications on Kafka cluster setup with help of **Zookeeper**.
  + Used **Apache Kafka** for distributed publish-subscribe messaging system that is for alerting and reporting on operational metrics to **Kafka** producers and consumers.
  + Good experience in process like Agile and Test driven methodologies.
  + Worked with Test Driven Development.
  + Used Elasticsearch for powering search, logging and monitoring systems end to end.
  + Responsible to designing and deploying new **ELK** clusters (Elasticsearch, logstash, Kibana, beats, Kafka, zookeeper etc.
  + Developed Rest Api in Node JS using express service.
  + Built multiple SDK’s in. Golang to be used by multiple teams across the company.
  + Wrote **Docker files** for micro services, also dockerized testing environment for those services.
  + Leveraged Linux Containers and **AMI's** to create **Docker Images/ containers** images, tagging and pushing images.
  + Developed **Angular8** services, controllers and created models for two-way data binding.
  + Designed user Interface using **Angular8** UI components such as tabs, grids, dropdowns etc and configured the routing service using **Angular8** router. Involved in developing Angular-JS directives to do reusable UI components.
  + Implemented **Angular8** form validations and used Bootstrap to show error, warning and info messages.
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  + Used **Jenkins** pipelines to drive all micro services builds out to the **Docker registry** and then deployed to

**Kubernetes**, created **Pods** and managed using **Kubernetes**.

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  + Using **Amazon RDS** hosted the **MySQL** database in the cloud.
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  + Deployed applications into Continuous integration environments like **Jenkins** to integrate and deploy code on CI environments for development testing.
  + Used **JIRA** tool for Issue/bug tracking, monitoring of work assignment in the system.
  + Developed **Git** controls to track and maintain the different version of the project.

**Environment:** Java, J2EE, Spring 4.2, Hibernate 4.3, AWS(EC2, S3, IAM), Spring MVC, Spring Boot, Micro Services, HTML, CSS, Java Script, jQuery, REST Web Services, MongoDB,Neo4J, ELK Stack, Kafka, Docker, Kubernetes, AWS S3, RDS, MySQL , Maven, JUnit, JMS, Jenkins, JIRA, Git.

**US pharmacopeia, Charlotte, NC Feb 2018 - Mar 2019 Full Stack Java Developer**

**Roles and Responsibilities:**

* Responsible for understanding the scope of the project and requirement gathering.
* Designed and developed the **UI using JSP, HTML, CSS, angular JS and JavaScript**.
* Experience in AWS using EC2,Dynamo DB, RDS,S3, VPC and IAM services
* Used **RESTFUL API** gateway to communicate with another web API.
* Involved in writing stored procedures in **Oracle for database** side validations, as well as functions and queries in Postgres database.
* Utilized Hibernate for Object/Relational Mapping purposes for transparent persistence onto the SQL Server database.
* Used **AWS RESTFULL API** gateway to communicate with another web **API**.
* Built Jenkins jobs to Create **AWS** infrastructure from **GitHub** repos containing **terraform** code.
* Developed **API** for using AWS Lambda to manage and run the code in the AWS.
* Developed independent **Microservices** using **Spring Boot Rest Controller** model and are deployed on UNIX boxes.
* Employed **Spring Boot** for initialize and bootstrapping the build configuration for the boot-based web applications.
* Development of cloud hosted web applications and **REST APIs** using **Spring Boot** with embedded Tomcat.
* Extensively Used **Jenkins** as Continuous Integration tools to deploy the Spring Boot **Microservices** to Pivotal Cloud Foundry (PCF) using build pack. Used Pivotal Cloud Foundry to quickly build, deploy and update the applications.
* Utilized Hibernate for **Object Relational Mapping (ORM)** purposes for persistence on to the database.
* Used **Apache Kafka** as a messaging layer.
* Good experience in **Apache Kafka** messaging system and implementing Kafka clusters.
* Converted mock-ups into hand-written **HTML, CSS (2/3), XHTML, JavaScript, JQuery, AJAX, XML** and **JSON**
* Used Angular 4 Reactive forms to implement complex forms and performed the validations using Form Builder.
* Consumed **RESTFUL** web services using **Angular6 HTTP** Module and transformed the response.
* Testing, Evaluation and troubleshooting of different **NoSQL** database systems and cluster configurations to ensure high-availability in various Crash Scenarios.
* Created **Angular6** HttpClient interceptors to add necessary **JWT** tokens for the out-going requests from UI.
* Used **GIT** for version controlling and regularly pushed the code to **GitHub**.

**Environment:** Java 1.7,Oracle 10g, Hibernate 3.0, JSP, Servlets, JavaScript, Maven 3.3.3, Design Patterns, HTTP, HTML5, CSS3, XML, XHTML, SQL, Angular js, JDBC, JNDI, JUnit, GIT, Log4J, Agile methodology, shell scripting, EJB 3.0, JMS, LDAP, AJAX, ICEFACES 4.0.0, JSF 2.2, MVC, dom4j 1.6.1, JQuery, Apache Tomcat 8.0,

**Client: - Kingsway Amigo , Miami, FL October 2015 – Jan 2018 Role: Full Stack Developer**

**Responsibilities:**

* Involved in complete software development life cycle with object-oriented approach of client’s business process and continuous client feedback. Worked on designing and developing a complete service-oriented system based on **SOA** principles and architecture in agile development environment.
* Employed **Agile Model** and best practices for software development.
* Engaged in developing the UI by using **HTML, JQuery**, **and JavaScript** and in some places used **AJAX** to make calls to other services.
* Involved in developing the **CSS** sheets for the UI Components.
* Developed web-based application using **spring** framework for MVC architecture.
* Setting up the basic project set-up from scratch of **Spring-Hibernate** App based on Design.
* Used **Spring Framework AOP Module** to implement **logging** in the application to know the application status. Used

**Spring DAO Module** along with Hibernate Framework to deal with Database.

* **Spring MVC Framework IOC (Inversion of Control)** design pattern is used to have relationships between application components. It is also used to separate the application configuration and dependency specification from the actual application code.
* Extensively worked on **JPA** as persistence layer, involving **Hibernate** to persist the Java objects as Entities in the database.
* Involved in development of **REST Web Services** using **SPRING MVC** to extract client related data from databases and **SOAPUI** tool is used for testing **RESTFUL API** web services.
* Familiarity with Service oriented architecture **(SOA)** by developing and consuming **Restful** web services based on

**Jersey**.

* Wrote corresponding one-one **REST** methods to implement respective change requests (change appliers)
* Tested **REST** services using google chrome’s **POSTMAN** plugin.
* Deployed the application in **JBoss** Application Server.
* Worked on **Junit** for creating test cases for all the Business Rules and the application code.
* Called external vendor applications using **Web Services** for delivering notifications.

**Environment**: HTML, JQuery, JavaScript, Apache, Servlets, Spring 3.2, Hibernate 3.5, Spring MVC, SOA, RESTful, Junit, Webservices, Junit, Agile.