**Siva Rama Krishna Pathuri Email Id: sivapathuri33@gmail.com**

**Sr.FullStack Java Developer Phone: 862-283-1333**

**PROFESSIONAL EXPERIENCE**

* Around 10+ years of software development experience in Analysis, Design, Development, Implementation, Integration, and testing of Application Software in web-based environments, Distributed n-tier, and Client/Server architectures.
* Experienced in UI frameworks such as HTML5, CSS3, Bootstrap, jQuery, Ajax, Google Web Toolkit (GWT), JavaScript, AngularJS, ReactJS, Tag Libraries, Custom Tags.
* Experience with developing REST/JSON APIs using Java and Spring Boot.
* Successfully designed and implemented systems based on N-tier distributed architecture using JAVA/J2EE technologies such as Core Java, Multithreading, Collections Framework, Java I/O, JDBC, Hibernate, Spring Framework, Spring Batch, Struts Framework, JSP, jQuery, and XML including XSL, XSLT, and XML Beans.
* Successfully written Generic frameworks using Java Generics to validate and process end-to-end Java-based applications.
* Created unit test cases using the JUNIT framework
* Expertise in Continuous Integration (CI), Continuous Deployment (CD) and Continuous Testing (CT) process automation using Team Foundation Server, Azure DevOps, Next, .XAML build template, NANT, Microsoft Release Management and Microsoft Test Manager (MTM). NLU (Natural language understanding)
* Experience in ****configuring APIs****, ****proxy endpoints****, ****API Portals**** and ****API analytics**** based on technical specifications with ****MuleSoft API manager****.
* Application integration using MuleSoft ESB and IBM Message Broker for integrating and orchestrating the services.
* Created the DTOs and DAOs for accessing the Oracle database, created spring beans, spring configuration files, auto-wiring, configured the property files via XML configuration, writing POJO classes for spring injection.
* Hands-on experience with Amazon web services (AWS) and Amazon cloud technologies such as Amazon EC2 (virtual servers) and Amazon Cloud Watch (monitoring). AI (Artificial intelligence)
* Experience using Spring MVC, Spring Boot, Spring DAO, Spring Data, Spring IOC, Spring Annotations, Spring AOP, Spring Transactions, and Spring Security.
* Hands-on experience working with Continuous Integration (CI) build-automation tools such as Maven, SVN, CVS, Jenkins, and Apache Ant.
* Design/Implement large scale pub-sub message queues using Apache Kafka
* Strong programming skills in designing and implementing multi-tier applications using web-based technology like spring boot.
* Experience with Core Java concepts like Collections, Multithreading, and Data structures.
* Proficient in MuleSoft AnyPoint API platform on designing and implementing Mule APIs. Strong working knowledge on API Gateway.
* Strong problem-solving, organizing, communication, and planning skills, with the ability to work in a team environment.

**TECHNICAL SKILLS**

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| Programming Languages | Java, C, C++, C#, Python |
| J2EE Technologies | JDBC, Servlets, JSP, JSTL, JNDI, RMI, JMS, EJB, XML |
| UI Web Technologies: | HTML5, CSS3, Bootstrap, AJAX, Node.js, Express, ReactJS, Angular, Java Script, jQuery, JSON  UI Concept Modeling/Wire framing. |
| Databases | MySQL, Mongo DB, MuleSoft,Oracle 11g, SQL Server, Firebase, Cassandra |
| Tools | ANT, Maven, TOAD, MySQL Workbench, Oracle SQL Developer, SOAP UI, Advanced Rest Client, Kafka, Visio, Squirrel SQL Client, Putty, WinSCP, Win Merge, Git, Bitbucket |
| IDE | NetBeans, Eclipse, IntelliJ, Android Studio, Visual Studio Code |
| Application Servers | Apache Tomcat, WebSphere, JBoss, Web Logic |
| Web Services | REST, SOAP |
| Frameworks | Spring MVC, Spring Boot, Spring Cloud, RxJava, Struts, Hibernate, JPA, Angular, Struts, JSF, Log4j, ReactJS, Vue Js, node |
| Cloud | Amazon EC2, IAM, Amazon S3, Amazon Elastic Load Balancing, Dynamo DB, Cloud Watch, Cloud Front, Azure |
| Build Tools | Maven, Gradle |
| Defect Tracking Tools | JIRA, ServiceNow, ALM |
| Testing Tools | Cucumber, JUnit 4, Easy Mock, Spring Test |
| Scripting Languages | TypeScript, ES6, NLU (Natural language understanding) |
| Other | Jenkins, Docker, Oracle Coherence |

**PROFESSIONAL EXPERIENCE**

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| **COMCAST (Reston, VA) June 2022 – Present**  **Software Engineer**  **Project: XCOS** |

**Responsibilities:**

* Designed and developed microservices architecture, resulting in improved scalability and flexibility.
* Designed and developed RESTful web services using Spring Boot, providing reliable and scalable back-end functionality for a web application.
* Responsible for the analysis, design, implementation and deployment of full software development lifecycle(****SDLC****) of MuleSoft project.
* Worked on ****MuleSoft Anypoint API**** platform on designing and implementing ****Mule API****
* Build the front-end of applications through appealing visual design using **Angular**, Bootstrap frameworks.
* Extensively used **Java 8** features such as lambda expressions, Parallel operations on **collections, multithreading** and for effective sorting mechanisms.
* Implemented **Micro-services** using **Pivotal Cloud Foundry** platform built upon **Spring Boot** Services.
* Used **Maven, Gradle** as build automation tool for deploying the project on **Apache Tomcat Server**.
* Developed **Rest API** services for various **HTTP** methods such as GET, POST, PUT and DELETE and serialization, de-serialization of objects to/from **JSON/XML** format.
* Worked with **Angular 8's** routing system to implement navigation between different views within the application.
* Leveraged Angular **HTTP Client** module to communicate with backend APIs and retrieve data.
* Develop and manage well-functioning databases and applications and writing effective API’s using java, spring framework.
* Test software to ensure responsiveness and efficiency using Junit, Mockito.
* Optimized **PL/SQL** code for performance by analyzing query plans, tuning SQL statements, and implementing indexes and partitioning.
* Migrated database from SQL database to NoSQL database
* Create security and data protection settings using spring security.
* Developed rest clients for establishing communication across services.
* Worked on creating tickets for bug stories and features in Azure DevOps with co-ordination of QA/BA team and issued it to developers to fix bugs and include necessary feature add.
* Worked on production incidents and made sure the fixes went in the next release cycle.
* Designed, configured and deployed **Amazon Web Services** (**AWS**) for a multitude of applications utilizing the **AWS** stack (**Including EC2, S3, Lambda**), focusing on high-availability, fault tolerance, and **auto-scaling**.
* Coordinated with operations team for ensuring smooth deployment during releases.
* Designed and implemented security strategies using java 11 to ensure data protection and prevent unauthorized access to **microservices**.
* Implemented Azure cloud integrations of enterprise architecture using Active Directory, Azure Service Bus, Azure Storage, Hybrid Connection Manager, and Azure SQL server.
* Utilized **SonarQube** to analyze and measure code quality metrics such as code coverage, code duplication, code smells, and potential security vulnerabilities.
* Worked with QuarkusTest to write integration tests using Mockito.

**Environment**: Bootstrap, TypeScript, Java 8, Angular 8, JPA, Mulesoft, Hibernate, Spring 5x, POSTMAN, CURL, IntelliJ, Eclipse, Redis, Quarkus, Spring Boot, Micro services, AWS, PCF,Terraform.

**Client: Edward Jones, St. Louis, MO May 2021 – June2022**

**Role: Full stack Java Developer**

**Responsibilities:**

* Actively involved in various phases of Software Development Life Cycle (SDLC) such as Design, Analysis, Development, and Testing.
* Extensively used Core Java such as Exceptions, Multithreading, Data Structures, and Collections in this project along with Encapsulation, Abstraction, Java 8 new features like Lambdas, Method References.
* Designed and developed Micro Services business components and Restful service endpoints using Spring Boot.
* Implemented RESTful Web Services to retrieve data from the client-side using Micro Services architecture.
* Implemented exception handling in Java Spring Boot for REST API, by making use of Exception Handler and Controller Advice annotations.
* Experience in Microsoft Azure DevOps CI /CD process Pipeline.
* Extensive experience in TFS Server, TFS Build Server, TFS Build Controller, TFS Build Agent and Azure DevOps Build /Deployment Agent installation and configurations
* Developed Micro Service to provide RESTful API utilizing Spring Boot with Spring MVC.
* Designed and Developed UI for Customer Service Modules and Reports using HTML, CSS, JavaScript, Angular JS, and Bootstrap.
* Used Spring Framework as middle-tier application framework, persistence strategy using spring support for Hibernate for integrating with the database.
* Used Spring Framework at Business Tier and spring’s Bean Factory for initializing services.
* Implemented client-side validations using JavaScript & server-side validations.
* Developed JMS Adapter to talk from EJBs to JMS objects.
* Developed a Single Page application using angular JS & backbone JS.
* Designed an ideal approach for data movement from different sources to HDFS via Apache/Confluent Kafka
* Developed app using Front Controller, Business delegate, DAO, and Session Facade Patterns.
* Implemented Hibernate to persist the data into the Database and wrote HQL-based queries to implement CRUD operations on the data.
* Scalable data design for MongoDB and Redis, caching in MongoDB with Redis Cache Using Spring Boot.
* Created Hibernate Named Queries in Hibernate mapping files and implemented them at the DAO layer.
* Used Hibernate for the persistence layer. DAO wrapped all the Hibernate functions.
* Created Custom Directives in AngularJS, making use of Modules and Filters objects according to the application requirement.
* Strong
* Used Git to maintain the version of the files and took the responsibility to do the code merges from branch to trunk and create a new branch when new feature implementation starts.
* AWS Lambda to extend other AWS services with custom logic or create your own back-end services that operate at AWS scale, performance, and security.
* Build servers using AWS, importing volumes, launching EC2, RDS, creating security groups, auto-scaling, and load balancers (ELBs) in the defined virtual private connection.

**Environment:** Java 1.8, HTML5, CSS3, jQuery, Cucumber, AJAX, Responsive Web Design, Angular JS, JSON, Apache Kafka, Dreamweaver, JavaScript, JSP, Bootstrap, Rest/SOAP, Spring Boot, Hibernate, J2EE, ReactJs, AWS ELB, EC2.NLU (Natural language understanding)

**Client: Citi Bank, Irving, TX Feb 2019 – April 2021**

**Role: Java Developer**

**Responsibilities:**

* Develop various applications using cutting edge technologies like Angular JS, Bootstrap, CSS, HTML, OCP Framework of Oracle, Gradle, GIT, Apache Tomcat.
* Developed Restful web services to both consume and publish to an endpoint.
* Involve in giving estimates to business owners to deliver the assigned project on time.
* Write Junit and Glue test cases for all the development code.
* Involved in developing responsive UI using HTML5, CSS3, JavaScript, Bootstrap, and SPA
* (Single page application) using Angular 6, Typescript, Angular-CLI, NGRX, Bootstrap, and Web pack. artificial intelligence .
* Developed Spark-Streaming applications to consume the data from Kafka topics and to insert the processed streams to HBase.
* Used Angular router and implemented module-wide routing and created different forms using Angular data driven and template driven forms.
* Deployed applications in AWS and read/write files in S3 instance.
* Developed Angular Components, Services, Filters and took part in developing unit test and integration test cases using Jasmine, Karma, and Web pack.
* Used Spring Boot which is radically faster in building cloud Microservices and developing Spring-based applications with very less configuration.
* Worked with AngularJS router for developing Single Page Applications SPAs.
* Developed Microservices & APIs using Spring Cloud, Spring Security, Spring Boot, and Spring Integration.
* Used spring framework, Spring-AOP, Spring-ORM, Spring-JDBC modules.
* Used Hibernate ORM framework with Spring for data persistence and transaction management.
* Extensively worked with Servlets and spring-based multitier applications in developing J2EE Components.
* Performed REST validations and created REST exception Handlers and used Postman to test REST services.
* Developed unit test cases using Junit, Spring to test REST microservices.
* Coordinate with BA’S to resolve any dependencies during the day-to-day development.

**Environment**: Java 1.8, Spring, JPA, JavaScript, jQuery, Hibernate, SQL DB, Bootstrap, Oracle 11g, Ant or Maven, JUNIT, Firebug, GitHub, Mongo DB, AWS S3.

**Client: Bank of America, Plano, TX Aug 2017- Dec 2018**

**Role: Java Developer**

**Responsibilities:**

* As a Developer in Java, involved in designing and developing the application using the J2EE platform and implemented the Model View Control (MVC).
* Experience in using the AJAX framework for performing server-side communication and seamless user experience.
* Involved in using test framework on Selenium and executed Web testing in browsers like Chrome, IE, and Mozilla through Web driver.
* Involved in enhancing the Portal UI internal to the organization using JavaScript, XML, JSP, HTML, and CSS as per the requirements and providing client-side Javascript validations.
* Involved in using Spring Core Annotations to implement Dependency Injection.
* Involved in using Hibernate ORM as Persistence to map the ORM objects to relations using Hibernate annotations.
* Involved in using client-side Java scripting like JQUERY for designing TABS and DIALOG BOX.
* Developed server-side services using Java, Spring, web services (Restful, SOAP, WSDL, SOA) using Service Oriented Architecture
* Developed a Validation framework to manage user interface validations
* Developed JavaScript validation to handle the client-side validation, published business validation rules using a Common validation framework to have server-side validations
* Developed UI components using JavaScript, HTML, and CSS for manipulating, validating, customizing, and error messaging.

**Environment:** Java 1.8, Spring, JPA, JavaScript, jQuery, Hibernate, SQL DB, JQUERY, Maven, Kafka, JUnit, Firebug, GitHub.artificial intelligence (AI)

**Client: Link Global Technologies, Hyderabad, India April 2013– Dec 2016**

**Role: Java Developer**

**Responsibilities:**

* Developed Java classes for the business layer.
* Developed the Web Interface using Servlets, JSP, HTML4.0 and CSS.
* Developed the DAO objects using JDBC2.0.
* User input validations are done using JavaScript.
* Developed database layer using JDBC 2.0 for connecting to ORACLE.
* Developed PL/SQL Procedures for the project.
* Implemented all the front-end components.
* Extensively used UML to develop various use cases, class diagrams, and sequence diagrams.
* Developed the GUI using JSP, HTML, XML, CSS and JavaScript for client-side validations.
* Used Hibernate for Object Relational Mapping and configured with Oracle Database
* Expert in creating APIs
* NLU (Natural language understanding).
* Developed database objects like tables, views, stored procedures, and indexes.
* Involved in testing and fixing the bugs and reviewing the code.

**Environment:** Java 6, JSP, J2EE, Hibernate, Log4j, JSON, Apache Axis 2, Spring, Webservices, Adobe flex builder, Flex API, Blaze DS, Flex, MXML, Action script, Tomcat Web Server, WebSphere, IBM RAD V6, ClearCase, jQuery, Agile, VSS, SQL Server, Pl/SQL, TOAD, XML, Cruise Control, Unix, HTML, XSLT, and CSS.artificial intelligence (AI)

**Education details**: B. Tech in GITAM with ECE (2012)

Masters in New England college with CSIS (2018)