**NAME: -SAI KRISHNA MANEPALLY**

**PH NO: -4702194720**

**Gmail: -SAIMANEPALLY02@GMAIL.COM**

|  |
| --- |
| **Professional Summary** |

9+ years of experience in analysis, design, implementation and testing of Object-Oriented Applications in Client/Server environments using **Java/J2EE**. Delivered quality based solutions in Marketing, Healthcare, and Manufacturing Industries.

* Experience with Java based **ORM** frameworks like **Hibernate, JPA, Spring Data**, worked with **NoSQL** based **ORM frameworks** like **Mongoose Connector and Cassandra Node Driver.**
* Worked with the implementation of the view layer using **JSP**, **Servlets** as Controller using **Struts MVC**, Business layer using **Spring 2** (**IOC**, **AOP**), and persistent layer using **DAO** and **Hibernate**
* Experience in implementing **SOA (**Service Oriented Architecture**)** using **Spring REST** to create REST resources which includes components like **Spring boot, Jersey Framework**.
* Good work experience in **Service Oriented Architecture** and **Micro services architecture.**
* Included security for **REST** services using **Spring 4 security** which included **HTTP status codes** and **in-memory provider** for authentication process
* Used **Spring Boot** for developing stand-alone applications using Spring Tool Suite and generated **Maven project** using **Jetty** as embedded server, added a **RESTful Spring MVC Controller** that responds to a request using post, used **Swagger** for describing and documenting the **RESTful API’s.**
* Included **Apache Kafka** in **Spring Boot** application for integration and Data Processing Pipeline for persistent messaging, worked with **Apache Kafka** with **Spring Integration** which provides inbound adapters for working with low level and high-level **Apache Kafka API**.
* Used **javaSE8** features like **stream, lambda expressions, functional interface** and **type annotations** and worked with core java concepts like **Multithreading, Transaction Management, Exception Handling**.
* Worked with the design patterns like **MVC, MVP, Value Object, Front Controller, Business Delegate, Session Facade, Service Locator, Data Transfer Object, Data Access Object, Singleton, Abstract Factory** and **Factory Method.**
* Experience in Front-End UI technologies like **HTML4/5, XHTML, DHTML, CSS2/3(using SASS and LESS** in developing dynamic, responsive web pages.
* Proficient in creating **custom pipes** in **multiple components to** modify interpolated values in templates in developing **declarative templates, dependency injection, observables and end to end testing.**
* Included validation in **template driven forms in** developing dynamic web application using **Angular 4** with directives to match attributes with validator functions using **HTML validation.**
* Worked with Relational databases like **MySQL, Oracle, SQL Server and DB2**
* Experience in writing complex **SQL** Queries, **Stored Procedures**, **Triggers**, **Cursors**, and **Functions**.
* Have a good working background with different **J2EE** Frameworks like **Servlets, JSP, EJB, JMS** and **JDBC** and various web spring **MVC** frameworks like **Spring MVC, Struts, JSF** and master level aptitudes in spring system modules **like Spring Batch, Spring Security, Spring Boot, Spring Cloud, Spring JTA, Spring AOP**.
* Have good working background with **J2EE** Frameworks like **Servlets, JSP, EJB, JMS** and **JDBC**.
* Experienced in building applications using **Maven, Gradle**and **ANT tools.**
* Knowledgeable on various SDLC (Software Development Life Cycle) from **Waterfall** to **Agile** (SCRUM) models.

|  |
| --- |
| **Technical Skills:** |

|  |  |
| --- | --- |
| **Languages** | JAVA 8.0/7.0/6.0/5.0/1.4/1.2, SQL, J2EE, SQL, XML, UML, C |
| **Web Technologies** | JSP, Servlets, Java Beans, EJB, JDBC, JNDI, JMS, JPA, EJB(3.0), Web Services, SOAP, WSDL, JSF(2.0), AX-RS, JSX-WS, HTML5, DHTML, JavaScript, AJAX, CSS3. |
| **XML Technologies.** | XML, XSL, XSLT, SAX, DOM, AXIS, Castor, XML Beans and JAXB |
| **Web/App. Servers** | Apache Tomcat, Web Logic, Web sphere, JBoss. IIS |
| **IDEs** | IntelliJ IDEA, Eclipse, Net Beans, Red Hat Developer Studio. |
| **Tools** | TOAD, XmlSpy, Ant, PL/SQL Developer, JUnit, I Report, JIRA, Jenkins |
| **Operating systems** | Windows, UNIX, Linux, Sun Solaris. |
| **Databases** | Oracle, HSQL, MySQL, DB2, MS-Access,Springboot,Microservices |
| **Frameworks** | Struts, Spring (Dependency Injection, Spring MVC, Spring Core, Spring Context, Spring AOP, Spring DAO, Spring IOC, Spring JDBC, Spring with Hibernate), Hibernate, DWR, Log4j. |
| **Cloud Computing** | Elastic Beanstalk, Elastic Load balancer (ELB), RDS (mysql), |

|  |
| --- |
| **Education** |

# SRM University Tamil Nadu, India

Bachelor of Technology**,**Electronics and Communication Engineering.June 2010 – May 2013

|  |
| --- |
| **Professional Experience** |

**Senior Java Developer January 2022 – Present**

**Cigna, Morris Plains, NJ**

**Responsibilities:**

* Experience with Software Development methodologies like Agile/Scrum and Involved in business requirements and creating the Jira tickets for user stories.
* Responsible for creating efficient design and developing User Interaction screens using HTML5, CSS3, JavaScript, Angular, Redux and Bootstrap.
* Expertise in Drupal development, particularly in creating custom modules and themes using PHP.
* Microservices Architecture Development: Proficient in designing and developing microservices architecture using Java, enabling the creation of independent and scalable services that facilitate agile and efficient application development.
* Expertise in implementing DevOps practices and principles in JavaProficient in DevOps methodologies.
* RESTful API Implementation: Successfully implemented RESTful APIs within the Microservices architecture, facilitating seamless communication and data exchange between various microservices and enabling flexible and lightweight integration with external systems.
* Spring Boot Application Development: Proficient in developing robust and scalable applications using the Spring Boot framework, leveraging its powerful features and functionalities for efficient and streamlined development.
* Created reusable and testable Angular functional and class components using es6.
* Designed and created store, actions and reducers using Redux unidirectional data flow
* Used Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST API s and Spring Boot for Micro-Services.
* Used**DevOps** to refer to emphasize the collaboration and communication of both software developers and IT professionals while automating the process of software delivery and infrastructure changes.
* Database Integration and ORM: Integrated Spring Boot applications with various databases, such as MySQL, PostgreSQL, and MongoDB, using Object-Relational Mapping (ORM) tools like Hibernate to ensure efficient data management and persistence.
* Ability to work with Drupal APIs and hooks to extend its core functionality and integrate third-party libraries or services.
* Used Spring Boot which is radically faster in building cloud Micro-Services and develop Spring based application with very less configuration
* Developed page layouts, navigation and presented designs and concepts to the clients and the management to review.
* Implemented client-side Interface using Angular.
* Used technologies to communicate with Drupal's backend or integrated Drupal with Java-based systems, providing seamless data exchange and enhanced functionality.
* Use of web pack for bundling all the modules into single production ready file
* Worked in using Angular components, Forms, Events, Keys, Router, Animations and Flux concept.
* Incorporated and utilized JavaScript Unit Testing framework (Jasmine).
* Handled response data from RESTFUL web services using XML, SOAP and JSON to update UI.
* Work as a team player, provide general technical support to the development team to ensure high quality deliverable and meet targeted schedule.
* Used Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST API s and Spring Boot for Micro-Services.
* Microservices Architecture Implementation: Successfully implemented microservices architecture using Spring Boot, enabling the development of independent and modular services that can be easily managed and scaled for complex enterprise applications.
* Used Spring Boot which is radically faster in building cloud Micro-Services and develop Spring based application with very less configuration
* Developed the Restful web services and shared service details to the UI team for integration.
* Have worked with (e.g., Drupal 7, Drupal 8, Drupal 9), as well as any related tools or frameworks you have used in conjunction with Drupal, such as Composer, Drush, or Twig.
* Involved in build and deployment of application on tomcat environment.
* Used NPM as the package manager and NPM scripts as build tool for the application
* Good Exposure in using the IDE tools like Eclipse, Web Storm and IntelliJ.

**Senior Java Developer Aug 2019 – Dec 2021**

**State of Wyoming**

**Responsibilities:**

* Involved in the preparation of prototype and demos of the project and presented before the client to check that it meets their requirements.
* Application development of UI involving Requirement Analysis, Design, Source code development, Unit and System Testing, Deployment and Maintenance as an iterative process for each Tier of the project.
* Have in building maintainable and extensible Drupal applications following industry standards and coding guidelines.
* Containerization and Deployment: Utilized containerization technologies such as Docker and Kubernetes to containerize and deploy microservices, ensuring efficient resource utilization, scalability, and easy management of application components.
* Implement the best design patterns and coding to adapt for future changes.
* Implementation of correspondence and report using Open Text and Birt.
* Analyze the data and develop the stored procedures and SQL queries to retrieve and save the data from / to the application.
* Fault Tolerance and Resilience: Implemented fault-tolerant and resilient Microservices using techniques such as circuit breakers, fallbacks, and retries, ensuring the stability and availability of the application even during adverse conditions or service failures.
* RESTful API Development: Demonstrated expertise in building RESTful APIs with Spring Boot, facilitating seamless communication and data exchange between different components and services within the application ecosystem.
* Expertise in working with Drupal CMS, its core functionalities, and modules to build dynamic and scalable websites.
* Verify and validate the legacy data to identify the discrepancies with data transformation and loading into target tables
* Developed presentation tier as JSPs.
* Used Squirrel (db2) to implement the database changes as part of development
* Creating Object- Oriented patters and EJB design patterns.
* Wrote HQL queries as part of development.
* Designed and implemented XML parsing for XML order conformations.
* Created database pool, multi-pool, data source and mapped them to roles.
* Designed various tables required for the project in Squirrel (db2) database.
* Implemented robust security measures and authentication protocols within Spring Boot applications, ensuring the secure transmission and storage of sensitive data and protecting applications from potential security threats and vulnerabilities.
* Written action class in Struts framework for each logical request that may be received.
* Configured action mapping (in XML) for each logical request that may be submitted.
* Used Hibernate as Object Relational (OR) Mapping Tool for the backend data.
* Wrote batch jobs and was involved in performance tuning of complex queries.
* Wrote complex business rules as SQL and PL/SQL queries for the end user to use in reporting.
* Unit Testing and Integration Testing: Conducted comprehensive unit testing and integration testing for Spring Boot applications, employing testing frameworks such as JUnit and Mockito to ensure the reliability and functionality of the developed applications.
* Wrote listener classes to trigger xml file generation (BRMS rules) and load files into cache during Server start up and mapped the listeners in WEB.xml
* Wrote BRMS rules and used BRMS rules engine to implement the user requirement.
* Deployed the application on JBoss Application Server.
* Monitored the error logs and fixed the problems.

**Environment:** Java, Struts1.3, JSP, Hibernate, HTML, XML, PL/SQL, HpExstream, MasterCraft ALM, JBoss Application, Jenkines, Sonar, Server (development), Web sphere (production), Spring, Sub-Version (SVN), SQUIRREL, ECLIPSE IDE/JBOSS IDE, JEE-5, JAX-B, JIRA.

**Senior Java Developer April 2018 – July2019**

**T-Mobile, Atlanta, GA**

**Responsibilities:**

* Developed and Implemented Web Services and used Spring Framework.
* Proficiency in developing Model View Controller (MVC) Architecture based applications using Spring Frameworks.
* Developed Enterprise Service Bus (ESB) architecture with Controllers, orchestration and web services.
* Developed the SpringAOP programming to configure logging for the application
* Developed PL/SQL procedure for login module and registration module.
* Developed DAOAPI to manage the payment information using JDBC
* Implement web service components using ApacheCXF framework
* Worked on web services SOAP and REST technologies.
* Used JMS in the project for sending and receiving the messages on the queue.
* Worked with the Weblogic Application Server to build, publish and deploy the application.
* Developed JUnit test cases for all the developed modules.
* Worked in agile environment with active scrum participation.
* Worked on building the JAVA beans to resemble the tables in the database.
* Used Resource Manager to schedule the job in UNIX server.
* Involved in providing security for the Application with LDAP server.
* Developed Micro services architecture using Spring Boot
* Developed a JUnit testing framework and integrated that with ant to enable developers to write their unit tests.
* Used GIT for version control.

**Environment:** Java, Spring, Hibernate, JQuery, AJAX, JavaScript, Jboss, JDBC, PL/SQL, JUnit, Agile, Apache CXF, Weblogic, SML, SOA, TOMCAT, UNIX, GIT, JMS, Eclipse

**Miracle Software Systems, Hyderabad, India Feb2016 - Mar 2018**

**Role: Java/J2EE Developer**

An online web application used to support customers, to view/pay/customize their bill details based on the logged in user privileges. Customer has received their updates through mail and SMS based on the action they performed such as pay and automate their account bill. Customers can set up, manage and purchase domains under their account.

**Responsibilities:**

* Software Development is driven by pure agile methodology, short sprints in from of iterations and developed using Java JEE components.
* Developed applications in Eclipse IDE and Deployed in Web Sphere Application Server 8.5 and JBoss Application Server
* Implemented Spring Web MVC framework for the applying MVC Implementation to the web application.
* Involved in Designing and Developing UI Interface using JSP, CSS, HTML, Java Script, AJAX and JQuery.
* Involved in developing and configuring server side J2EE components like Servlets, JSP, JDBC, JSON, REST Web Services, JNDI, LDAP, J2EE platform using Eclipse IDE, and deployments in JBoss App Server environments.
* Developed business layer using spring DAO's.
* Used SVN for version controlling
* Created database tables in Oracle and Teradata created required SQL queries, stored procedures and used JDBC to perform database operations.
* Developed Java bean components to retrieve database data from the result set for processing level of authority and approvals.
* Developed persistent classes, including association, inheritance, polymorphism, composition and the Java collections framework.
* Used Log4j for Logging and Used Quality Center for Bug Reporting Tool Performed Unit Testing of the developed component using JUnit
* Actively participated in readiness, Design meetings to give accurate estimates for the requirements.
* Used Version One V1 for story tracking, Supporting and handled the issues in Production. Maintaining, supporting and troubleshooting the application.

**Environment:** HTML, Java 1.7, JSP, Servlets, JavaBeans, Spring, Core Java, JBoss Server 7.0, Web Sphere Application Server, JDBC with Oracle 10g, Quality Center, SVN, JavaScript, JQuery, CSS, Eclipse, REST, JAX-RS, SQL Developer, Maven

**Yelamanchali Software Solutions, Vishakapatnam, India Jun 2013 –Jan 2016**

**Role: Java/J2EE Developer**

YSS is a consultancy that creates custom software products. It works across web, mobile, desktop, and embedded product development.

**Responsibilities:**

* Involved in requirement gathering phase of SDLC with Business Analyst and worked with Agile-Scrum methodology.
* Involved in design of Class Diagrams, Sequence Diagrams and Event Diagrams as part of Documentation
* Used test-driven development and followed agile methodologies. Utilized continuous integration via TeamCity to deploy builds after merging pull requests.
* Worked in an agile development process based on Scrum Developing font end applications using Spring MVC
* Used RESTful Web Services to retrieve data from different applications
* Designed and developed Spring AOP components for Service implementation.
* Developed both standard server-side and JQuery for AJAX processing
* Employed Hibernate/JPA for ORM mapping and persist the data to backend.
* Implemented second level cache using ehcache
* WebLogic Application Server /Eclipse IDE were used for deploying the application
* Involved in exposing, consuming and packaging REST Web services using Jersey Framework
* Involved in developing JUnit test cases using Easy Mock and DB units for unit and integration units
* Used Maven script for building and deploying the application
* Used Oracle11i as backend database

**Environment:** Java 1.5, J2EE 1.2, Spring MVC, Spring AOP, JQuery/Ajax, Hibernate/JPA, JUnit, Maven 2.0, Oracle 11i, WebLogic Application Server /Eclipse IDE, SVN