**Name: Sai Jaswanth Anumolu**

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**Professional Summary:**

* Around 10 years of strong software experience in Developing, Testing, and Implementing Enterprise Applications using Java/J2EE platform and web-based applications using Object Oriented Analysis **and Design** (OOAD).
* Good knowledge of Data structures and algorithms with OOPS concepts.
* Hands-on experience in developing server-side JavaScript frameworks using Node JS (Express JS, Handlebar JS).
* Strong Domain Expertise in Insurance Healthcare and Automobile.
* Expert-level skills in spring framework modules like Spring MVC, Spring Batch, Spring Security, Spring Data, Spring Cloud, Spring JTA, Spring AOP, and Spring Core.
* Extensive experience with Core Java, Multithreading, Transaction Management, Exception Handling, Concurrency, Collections, Data Structures, Lambda Expressions, Camunda,Functional Interfaces, and JDBC.
* Implemented React JS and worked with Redux and Flux architecture.
* Strong experience in User Interface development using web technologies like HTML5, XHTML, DHTML, CSS3(SAAS/LESS), Bootstrap,Devops, JAVASCRIPT, JQUERY, AJAX.
* Worked with Spring Cloud Config, Circuit Breaker, Ribbon, Apigee API- gateway, and Zulus API-Gateway in the Spring Cloud and Netflix Eureka service to provide weighted load balancing based on several factors like traffic, resource usage and implemented security functionality OAuth 2.0, Spring security (User Access Management, JWT), SSL and Site Minder (SSO).
* Experience in applying design patterns like **MVC, Singleton,Lambda, Factory Pattern, Service Locator, Business Delegate, Devops,Data Access Object, Session Façade, Value object pattern, etc.**
* Hands-on experience with **CI/CD** pipeline. Involved in **CI/CD** process using **GIT**, **Jenkins**, **Maven**, and Fabric implementation.
* Experience in developing **Microservices**using Spring Boot.
* Hands-on Experience in a distributed system with the use of **RESTful** API and Micro Services.
* Strong experience in the implementation and design of MVC architecture. Hands-on experience with MVC frameworks such as **Angular, and Angular2 with UI technologies/ libs such as jQuery, and Bootstrap**.
* Strong knowledge on working with **GraphQL** schema, queries, and mutations to interact with **MongoDB** and several other layers.
* Manipulated DOM, handled events and applied animation effects with **Vue.JS**.
* Designed and developed customized charts using **D3.js** by incorporating customized  
  litters from Zoom data SDK to render aggregated data.
* Very good understanding of Model View Controller (MVC), Client Server, and N-tier architectures.
* Excellent Expertise in OOAD and OOP from designing **UML diagrams** using **IBM Rational Rose.**
* Expertise in Java concepts like **OOP, Java Swing, Java Struts, Spring Framework, Hibernate ORM, JDBC, and JMS.**
* Extensive experience in concepts such as **Java EE, J2EE technologies** such as **JDBC, JSP, JSF, Servlets, Hibernate, EJB, Spring, DXML, Devops,XSD, XSL, JNDI, RDBMS, Web Services, Struts, Spring, Tiles, Hibernate, JMS, AJAX.**
* Extensive experience in using Amazon Web Services like **RDS, EC2, SQS, SNS, and S3.**
* Experience in developing spring features like **Spring MVC, Spring DAO, Spring Boot, Spring Batch, and Spring Security.**
* **Iterative Waterfall development** and **TDD (Test Driven Development)** environments.
* Excellent experience with Application Servers like **Tomcat, IBM WebSphere, Oracle WebLogic, Glassfish, and JBoss.**
* Experience in using **Hibernate and bates** Object Relational Mapping tools in a J2EE environment.
* Developed dynamic web applications and web services using **Eclipse and NetBeans.**
* Experienced in databases such as **Oracle, MySQL, and MS SQL Server** to manage tables, views, indexes, sequences, stored procedures, functions, triggers, and packages.
* Managed and maintained **NoSQL (MongoDB, Apache Cassandra DB)** databases in the production domain.
* Proficient in using Amazon Web Services (AWS). Extensive experience focusing on services like **EC2, Elastic Beanstalk, IAM, RDS, Elastic cache, SNS, SQS, and AMI.**
* Responsible for working a queue of **JIRA** tickets to address system issues, user requests, etc.
* **Apache Tomcat 8** server to deploy and configure Java API and front-end modules.
* Extensive Experience in retrieving and manipulating data from the backend using **Database SQL queries, PL/SQL- Stored Procedures, Functions, Sequences, Triggers, and Packages.**
* Design/Implement large-scale pub-sub message queues using Apache **Kafka**
* Experience working on several components like **Docker Engine, Hub, and Machine, creating Docker images, Compose, Docker Registry, and handling multiple images primarily for middleware installations.**
* Experienced with **Jenkins** methodologies which include **Continuous Integration and Continuous Deployment.**
* Experience in **Junit** for unit testing, PIT for **mutation** coverage of the modules, and version control management tools like CVS and **log4J** for logging
* Excellent Experience in writing **ANT, and Maven build scripts**, providing a logging facility using **Log4j.**
* Expertise in developing **SOA (Service Oriented Architecture), REST, and J2EE Web Services based on SOAP, WSDL, JAX-WS, Devops,JAX-RPC,Camunda, and JAX-RS** using tools like **Apache Axis.**
* Part of **Scrum, Sprint review, Retrospection,** and Virtual Closure meetings as a part of AGILE.
* Experience in using various version control tools like **SVN, CVS,** and **IBM** Rational Clear Case.
* Experience in building/deploying tools like **Maven, Jenkins,** and **ANT**.
* Experience in Integration tools **Oracle SOA Suite/BPEL/Fusion Middleware, web methods,** and **Apache CAMEL.**
* Worked on E2E Automation

**Technical Skills:**

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| Operating Systems: | **Dos, Windows, Unix, and Linux** |
| Languages: | **C, C++, Java, SQL, HQL, PL/SQL** |
| Java/J2EE Technologies: | **Java EE 4/5, Servlets, JSP, EJB, JSTL, XSLT, JDBC, JNDI, JMS, JPA, JSF** |
| Web Technologies: | **HTML, DHTML, CSS, XML, Java Script, AJAX, JSP, Angular JS, React JS, Node JS, jQuery, TypeScript, Vue.JS** |
| XML/Web Services: | **XML, XSD, SOA, WSDL, SOAP, Apache Axis, DOM, SAX, JAXWS, JAXRS, XML Beans, REST** |
| Frameworks: | **Jakarta Struts, Hibernate, Spring, Spring Boot, Spring MVC, Oracle ADF.** |
| RDBMS / NoSQL: | **ORACLE 10g MS-Access, MySQL, SQL-Server, DB2, MongoDB, HDFS, SPARK, GraphQL** |
| Web/Application Servers: | **Apache Tomcat, JBoss, Web Sphere, Web Logic.** |
| IDE's and Tools: | **Eclipse, NetBeans, WebStorm, Sublime Text, MyEclipse, RAD, WSAD** |
| Design Patterns: | **Singleton, session facade, Front Controller, MVC, DAO, MVVM.** |
| Version Controls: | **GIT, SVN, CVS** |
| Methodologies: | **Unified Modelling Language (UML), Rational Unified Process (RUP), Agile.** |
| AWS | **AWS SDK’s, EC2, AWS S3, Auto scaling, Dynamo DB, DNS, Route53** |
| Build Tools: | **Ant, Maven, Gradle, Jenkins, Kubernetes, Docker.** |
| Testing Tools: | **JUnit, Jasmine, Protractor, Selenium, Karma** |

**PROFESSIONAL EXPERIENCE:**

**Client: Care More Health, Cerritos, CA May 2023 - Present**

**Role: Senior Java Full-stack Developer**

**Responsibilities:**

* Implementation of the design wireframe using Angular 6 and creating services and exposing it to the backend which runs on Spring Boot. Here we also have another layer that makes use of **Node JS** mainly used for authentication, authorization, and session maintenance.
* Developed UI application initially using Angular 6 and made use of customized components. Worked with Reducers, effects, stores, and actions.
* I have worked on Health Enterprise modules which includes Member management, Provider Management, Service authorization.
* Implemented customer-side validations using Angular 6 and created services on UI for storing and retrieving data from UI to the backend.
* Involved in designing, developing, customization, and enhancement of various tools that includes using **Java8**, **Spring** **Framework**, and **Maven**.
* Developed UI pages with **HTML5**,**Devops**, **CSS3** **JavaScript**, **jQuery**, **Angular 6,** and **Bootstrap** for creating Responsive Web pages.
* Implemented **CI/CD pipelines using Jenkins** to deploy the applications.
* Designed MVC architecture and Front control design pattern using **Spring boot** MVC Framework for the Presentation tier and I have written code for using **Spring MVC Framework for the Presentation layer and spring boot dependency injection.**
* Developed **microservices**with Spring and tested the application using Spring Boot.
* Used Spring Core annotations for Spring Dependency Injection, Spring MVC for Rest API, and Spring Boot for microservices. Worked with Angular JS (1. x) Controllers, Directives, Services, and filters for application functionality.
* Used spring boot framework for Dependency Injection and integrated with Hibernate.
* Used many **Angular JS-1.x directives** which allow the development of many custom and reusable **HTML** for data binding and behavior of components.
* Experienced in a fast-paced **Agile** Development Environment including Test-Driven Development (**TDD**), **Scrum,Devops**, and **SAFE**. (Scaled Agile Framework)
* Integrated the different pages to be a single page application using **Angular and TypeScript.**
* Experienced in implementing OOPS Concepts using java/J2EE technologies such as **Core Java Collections, Generics, Enums Annotations, etc.**
* Worked on Java8 features using a new library for **refactoring**, **lambda**, **functional interfaces**, **streams -parallel processing,** and **aggregations.**
* Expertise in working with technologies: **Core Java, Spring MVC, Spring Batch, Spring Boot, Spring JDBC,** and **Hibernate.**
* Responsible for managing **AWS** resources in cloud and maintaining Continuous Integration and Continuous Deployment pipeline for fast paced robust application development environment.
* Worked with Angular and TypeScript as a part of migration from **Angular and vanilla JavaScript** to **Angular and React.**
* Implemented **Rest API** Design Guidelines for the **microservices**. Used **Spring Boot** which is radically faster in building cloud **Micro Services** and developing Spring-based applications with very less configuration.
* Implemented **OAUTH** based authentication and authorization, such that each microservice can validate and authorize requests from other services.
* **Kafka** integration with **spark** using spark streaming API.
* Used **OAUTH Single Sign-On (SSO)** Functionality for authentication across multiple services with in the same Eco system.
* Scripting infrastructure and Linux machine provisioning from scratch using tools such as **bash and the Ruby AWS-SDK.**
* Developed **CI/CD** system with Jenkins on **Kubernetes** environment, Utilized Kubernetes and docker for the runtime environment for the **CI/CD** system to build, Test and Deploy.
* Implemented **CI/CD** pipelines using **Jenkins** to build and deploy the applications.
* Strong experience in developing **Single Page Applications (SPA), using MEAN (Mongo, Express, Angular, and Node) stack.**
* Worked with **Openshift** platform in managing **Docker** containers and **Kubernetes** clusters.
* Implemented Swagger for the **microservices**for Documenting **Rest API.** Proficient in Java/J2EE **Design Patterns** including **singleton, command, object pool, session facade, Model View Controller (MVC), Do (DAO), Factory, Adapter, Camunda,Observer, and JMS components**.
* Designing and implementing Cloud orchestration solution in **AWS**.
* Used **Spring Core** Annotations for **Dependency Injection** and **Spring JTA transaction** Manager.
* Good knowledge of developing **RESTful** Web Services using **Spring MVC** and **Tomcat/Glassfish Servers.**
* Implemented the application using **Spring IOC, Spring MVC Framework, Spring Batch**, and **Spring Boot**also handled the security using **Spring Security**.
* Developed data ingestion application to bring data from source system using **spark streaming and Kafka**.
* Developed CI/CD solutions for running an AngularJS application from a Tomcat container using Jenkins.
* Developed and deployed **Micro Services-based** applications using **Spring Boot and Spring Cloud.**
* Provided **RESTful** web services using Spring Framework and worked with data exchange formats like **XML** and JSON formats and used **SOAP** **UI** to evaluate the Web Services.
* **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.
* Implemented **Spring security** for application access and authorization.
* Performed unit testing and integration testing on the ACMS applications using **Mockito** and Junit for the changes implemented.
* Proficient in working with web application's **UI testing frameworks** such as **Karma, Jasmine, Protractor for Angular 6, Mocha and Chai for React JS and Backbone JS.**

**Environment:** Angular6, jQuery, JavaScript, XML, HTML5, CSS3, AJAX, JSON, Java8, Eclipse, Tomcat-9.0, WebSphere 9, Bootstrap, Spring Boot, Spring Cloud, DB2, SVN, hibernate framework, Maven build tool, AWS-SDK.

**Client: Deutsche Bank, Greenwich, CT Feb 2020 – April 2023**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Developed the Intranet Responsive website Using the React JS.
* Experienced in ReactJS lifecycle and how with web applications to implement those methods with Redux architecture.
* Working with React Router for developing Single Page Applications SPAs.
* Experienced in developing React components. Used Axios with ReactJS for making AJAX Calls.
* Working experience with Typescript new features block scope, type restrictions, decorators, arrow functions, classes, interfaces, modules (import and exports).
* Designed and developed microservices using Spring Boot.
* On the server side, used Spring MVC with Hibernate to connect to the Microsoft SQL Server.
* Used webpack, babel and gulp for transpilation (compilation) configuration for typescript to be converted to JavaScript.
* Involved in developing functions for Amazon Lambda to manage some of the AWS services.
* For Responsive Web design used React-Bootstrap to build grids, layouts and components. Used Bootstrap components like dropdown menus, navigation bar, alerts, and labels.
* Developed the Web application on the Agile methodology.
* Experience Setting up databases in AWS using RDS, storage using AWS S3 bucket and configuring instance backups to S3 bucket.
* Worked on the Express JS framework for the Node JS Environment.
* Implemented Spring Boot microservices to process the messages into the Kafka cluster setup.
* Built Jenkins jobs to create AWS infrastructure from GitHub repos containing Terraform code and administered/engineered Jenkins for managing weekly Builds.
* Used Spring Kafka API calls to process the messages smoothly on Kafka cluster setup.
* Worked with Kibana Logstash for collecting, storing and view logs dat logstash has indexed.
* Worked on the Prod deployment of React JS in Amazon web server and experienced in solving the issues during deployment.
* Experienced in deploying the SPAs built using React JS in AWS S3 Bucket and Route 53 and through CLI configuration.
* Involved in provisioning AWS S3 buckets for the backup of the application and sync these contents with remaining S3 backups, by creating entry for AWS S3.
* Worked with Nodejs for development of RESTful web services and middleware configurations.
* Worked with OAuth and JSON web tokens for authentication and authorization security configurations using Node.js.
* Worked with npm commands and using package. Json for managing dependencies and dev-dependencies of NodeJS applications.
* Worked with Grunt, Gulp for task runner configurations for minification, watch, jshint, jscs, CSS auto prefixer, sass compilation, bundling and test runner configurations and make it available as a command.

**Environment:** HTML5, CSS3, CSS, JavaScript, Node JS, React JS, OAuth, jQuery, AJAX, XML, JSON, REST web services, AWS, Jest, enzyme, GIT etc, Kafka, Spring, Spring Boot.

**Client: Sams club, Sacramento, CA Oct 2018 – Jan 2020**

**Role: Sr Java/J2EE Developer**

**Responsibilities:**

* Involved in requirement analysis and effort estimations.
* Involved in coding for the presentation layer using JSP, JSTL and Custom tag libraries. Involved in coding for the business layer using Java, and Struts framework.
* Compose, Test and implement UNIX shell scripts to the Test, Development and Production.
* Environments for various automated procedures as requested.
* Implemented java-backend JavaScript action, BPM workflow, User interface, business rules in pega PRPC.
* Experience in using Splunk DB connect to index the data from various database types.
* Involved in client-side scripting using Java Script, jQuery and CSS.
* Implemented Command Pattern, Factory pattern, Façade, DAO, Value Objects patterns.
* Worked on database scripts, and stored procedures in MS SQL Server.
* Used JBoss Fuse ESB to create mediation to route messages between services.
* Developed Proof of concept and provided work/time estimates for design and development efforts. Involved deeply in Impact Analysis along with the client team.
* Developed Splunk reports that provide high level overview of application health.
* Integrated Splunk with Active Directory and LDAP Authentication.
* Co-ordinate with the QA lead for development of test plan, test cases, test code and actual testing, responsible for defects allocation and ensuring that the defects are resolved.
* Used JBoss Fuse ESB to normalize number of protocols to a single protocol.
* Responsible for code inspection, mentoring team members, onsite-offshore co-ordination.
* Deployment of framework components for logging, exception handling and security using JBoss Fuse.
* Worked closely with various interfacing teams for smooth and bug free delivery of application under mission critical timelines.

**Environment:** Java/J2EE, JSP, JSF, JDBC, Servlets, Splunk, Apache Struts Framework, Tiles framework, MS SQL server, CVS, Web Services, WSDL, WebSphere 6, RAD 7.5.4, jQuery, Unix Shell Scripting.

**Client: Head Digital Works, Hyderabad, India Feb 2016 - July 2018**

**Role: J2EE Developer**

**Responsibilities:**

* Responsible for the design, development, and testing.
* Worked and developed multiple modules in the project using **agile** methodology.
* Experience in developing applications using Core and Advanced Java Concepts like **Java, J2EE, Servlets, JSP, JSF, Spring, multi, EJB3.0, ANT, HTML, XML, JSTL, JavaScript, CSS, JDBC**, etc.
* Worked on different utility classes that are used all over the application for validations and formatting at the back end.
* Developed Java Bean Classes for implementing Business logic using **EJB 3.0** (Stateless session, entity, message driven beans).
* Developed server-side services using Java, spring, Web Services (SOAP, WSDL).
* Designed and developed various modules of the application with J2EE design architecture, Spring MVC architecture using IOC, AOP concepts.
* Created and maintained the configuration of the Spring Application Framework (IOC) and implemented business logic using EJB.
* Used Soap based Spring **Web services** for transferring data between applications.
* Implemented **RESTful Web-Services** for data exchange between multiple systems.
* Developed Web Modules using **Spring** and **RESTAPI** on server side.
* Used Log4j to assign, track, report and audit the issues in the application.
* Used DTS packages as ETL tool for migrating data from SQL server 2000 to **Oracle 10g.**
* Involved in developing **JDBC DAOs** and **DTO**s, writing **Hibernate** HQL queries, advanced SQL and T-SQL
* Used SAX parsing methodology for serializing and parsing the **XML** request and response.
* Monitoring the production logs and monitoring performance using **JConsole**.
* Designed REST APIs and SOAP Services which include swagger creation, APIM hosting and TIBCO development.
* Upgraded the existing database from **Oracle 9i to Oracle 10g.**
* Used **Hibernate ORM** for persistence management, written CRUD and HQL based queries to retrieve and render the data.
* Extensively used Annotations, Mappings and querying the database using **Hibernate**.
* Wrote SQL queries and Stored Procedures for Data Access Objects (DAO).
* Used **SOAP** calls to access functionalities.
* Developed Stored Procedures, Triggers and Functions to process the data using **PL/SQL.**
* Published and consumed **Web Services** using **SOAP, WSDL** and deployed it on Web Sphere server Web Server.
* Used **SOAP** based **web services** to develop interfaces to integrate between front end systems and back-end systems.
* Implemented solutions using Hadoop, Apache Spark, Spark Streaming, Spark SQL, HBase and Scala
* Involved in migration of Tibco SOAP services to Java REST/JSON APIs.
* Extensively used **core Java Multi-threading, Collections, Exception handling, Reflection API** to provide efficient and effective health care benefits.
* Created Database objects such as tables, Views, indexes, Program unites, procedures and Updated Database related enhancements in the **Oracle 10g/11g database**.
* Used Eclipse for application components development.
* Developed required TIBCO components for all interfaces and involved in support activities for them.
* Used Jenkins to build the war/ear files from the source code base pulled from SVN.
* Used JIRA to manage the work Sprint stories and keep updated with the progress.

**Environment**: J2EE, Servlets, JSP, Spring Framework 3.0, Oracle database 11g,EJB 3.0,HTML5,CSS, JQuery, XML, JavaScript, Hibernate 4.0, JDBC 3.0, SQL, Eclipse 4.x, SOAP,AWT, OSB, Mercury, TIBCO, JIRA, Jenkins, Ant, Web sphere Application server.

**Client: iZeal Info Solutions, Hyderabad, India June 2014 – Jan 2016**

**Role: Java Developer**

**Responsibilities:**

* Migrated applications from Web Sphere 6 to Web Sphere 8.
* Upgraded all the applications to Java 1.6, EJB 3.1, Deployment **Descriptors 3.0**, **Struts 1.3**.
* Used **OSGi** (open service gateway initiative) framework for Java versions updates. Created OSGi component bundles for hot deploying EJB components on remote server using FTP.
* Designed New modules using **File Net P8** components.
* Wrote **ANT** build scripts for building the project and generation of **EAR** files for deployments.
* Worked on upgrade of **File Net** which is a third-party application which provides document management and ready-to-use workflow that helps us capture, manage and share content.
* Designed and implemented business solutions on **P8 platform using IBM Case Manager**.
* Upgraded North Dakota’s Credit Card application which takes care of certificate management and all the transactions.
* Worked on deprecated changes for **Java**, **EJB**’s (**MDB**’s) and deployment descriptors.
* Upgraded all the Information Technology Utility Jars needed for the applications.
* Implemented new java components for **File Net P8.**
* Developed **Linux shell scripts** for batch processing of PDFs reports.
* Production Support for all the applications which were migrated, upgraded, and moved into production.
* Implemented Apache **Active MQ’s JMS broker** for asynchronous request processing, developing message-oriented middleware (MOM) which compiles and executes objects on the response side, which are actually generated at request side.
* Developer **Linux shell scripts** for data backup in tape drive for data recovery.
* User Acceptance Testing on the applications that have been migrated.
* Deployments in Test and Production.
* Proxy Changes for all the applications which made state.nd.us domains to nd.gov.
* Used Clear Case Repository for creating branch and working on it, Merging the changes to main branch and applying label to a branch, finally adding Object Documentations for the label on service requests.

**Environment:** EJB (2.1, 3.1), XML 3.1, OSGi 8.0, Eclipse, Struts (1.1, 1.3) , EAR 6.0, JSP, HTML, XHTML, Clear Case Repository, SQL Server Management Studio, Apache Active MQ, VM Ware, File Net, IBM Case Manager.

**Education Details:**

Bachelors of Engineering in Mechanical at Sri Indu College of Engineering & Technology (Autonomous)