**Sri Sanjana Gumalla**

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**JAVA FULL STACK DEVELOPER**

**Professional Summary**

* Over 8 years of extensive experience in full-stack web development, focusing on Java/J2EE technologies.
* Proficient in front-end technologies like HTML, CSS, JavaScript, jQuery, AJAX, JSON, and Angular JS.
* Skilled in building dashboard applications using the MEAN stack (MongoDB, Angular JS, Express.js, Node.js).
* Expertise in Java-based frameworks like Spring, Hibernate, Struts, and working with web services (SOAP and RESTful).
* Proficient in CI/CD pipeline creation for Java and UI-based web applications on AWS.
* Experience in MVC architecture using Struts and Spring frameworks.
* Knowledge of XML, UML, and object-oriented methodologies.
* Strong background in microservices, event-driven, and SOAP-based architectures.
* Familiar with front-end technologies like SASS, LESS, Bootstrap, and various versions of Angular.
* Extensive work with Java 1.7 and 1.8, including JDK, JRE, and Java-based frameworks.
* Skilled in automation framework development using Cucumber, JUnit, Gherkin, Java, and Selenium WebDriver.
* Experienced in handling messaging services with Apache Kafka.
* Proficient in security frameworks (OWASP, BSIMM) and vulnerability assessments (OWASP Top 10, SANS 25, CWE, CVSS).
* Skilled in integrating multiple APIs and features using React and GraphQL.
* Expertise in Hibernate, Docker, Jenkins, Azure, EMR, Apigee, Splunk, Dyna Trace, and ATG.
* Proficient in client-side design and validation using HTML5, CSS3, JavaScript, jQuery, Ajax, Angular, React, Backbone, Bootstrap, and Node.js.
* Strong knowledge of RESTful WebServices with JWT security tokens.
* Experience with J2EE technologies, including JSP, Servlets, Hibernate, Spring Security, OAuth, JMS, and Java Mail.
* Familiarity with testing tools like JUnit, Mockito, FireBug, SoapUI, and involvement in unit and integrated testing.
* Ability to lead secure programming practices, Kubernetes deployments, and work with non-relational databases like MongoDB.
* Proficient in BDD framework (Cucumber) and various IDEs (Eclipse, IntelliJ, etc.).
* Experienced in multi-tier client-server systems, object-oriented technologies, and Java-based Google Maps API.
* Strong skills in GraphQL, multi-version Angular, Node.js, and MS SQL.
* Deployment experience on various application servers like IBM WebSphere, WebLogic, JBoss, and Tomcat.
* API development expertise using Node.js and RabbitMQ for messaging.
* Successful conversion of legacy systems into distributed and web-based architectures.
* Proficient in test planning, manual/automated test case creation, and quality assurance.
* Salesforce experience with validation rules, workflow rules, and page layout assignment.
* Strong communication skills and a track record of leading, mentoring, and planning client projects.

**TECHNICAL SKILLS**

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| **Programming Languages** | Core Java, Java 8 /7, J2SE, J2EE, typescriptC, C++, SQL, Drupal ,Python and PL/SQL. GOLANG |
| **J2EE Technologies** | EJB, Servlets, JSP, JSTL, JDBC, JSF, RMI, JNDI, JMS. |
| **Web Technologies** | HTML, DHTML, AngularJS, Angular2/4/8/10/12 JQuery, CSS, JSON, JSON-DTD, AJAX, Bootstrap, NodeJS, React JS, IDE IBM RAD, Eclipse, Jaa 7MyEclipse, JBuilder , React JS, GraphQL, |
| **Databases** | Oracle 8.x/9.x/10g/11g/12c, Toad, MS Access, MySQL 5.x, MS SQL Server 2008/2012, MongoDB, Cassandra, DB2 Forac. |
| **XML Technologies** | XML, XSLT, XPATH, SAX, DOM, JDOM, AXIS, JAXB. |
| **AWS Services** | EC2, ECS, VPC, S3, IAM, CloudFront, Glacier, RDS, Aurora, Security Groups, AutoScaling, SNS, SES, SQS, CloudFormation, EBS, ELB, Lambda, DynamoDB, RedShift, Route 53, CloudWatch |
| **DevOps** | VSTS, Azure DevOps, Docker, Slack, Azure Boards, Pipelines, Repos, PowerShell, CI/CD Pipeline, GitHub |
| **Web Services** | SOAP, REST, JAX-WS, JAX-RPC, JAX-RS. |
| **Methodologies** | RUP (Rational Unified Process), Agile, Waterfall, SCRUM, Rapid Application Development. |
| **Application Frameworks** | Struts 1.x/2.x, Spring (Dependency Injection, Spring MVC, Factory Pattern, Core, Spring Context, Spring DAO, Spring IOC, Spring JDBC, Spring Security, Spring Boot, Spring Batch, Spring with Hibernate) ORM Frameworks JPA, Hibernate, Spring JPA, DAO OO Modeling Rational Rose. |
| **Other Tools** | NT, Log4j, Jenkins, Junit, JIRA, Selenium Cloud Computing AWS (Amazon Web Services), EC2, RDS, Dynamo DB, S3 Micro services Swagger, Pivotal Cloud Foundry, Spring Micro Services, SpringBoot, Netflix Eureka. |
| **Build Tools** | Ant, Maven, Gradle, Jenkins. |
| **Version Control** | SVN, CVS, JIRA, Clear Case, GIT, Bitbucket, GitHub. |
| **Operating Systems** | Windows, Linux, UNIX, XP/Vista/7/10. |

**Professional Experience**

**Client: Tompkins Robotics, Remote Aug 2021 till Date**

**Role: Sr Java Full Stack Developer**

.**Responsibilities:**

* Worked as software developer, doing ground up development with Java and related web frameworks, including Java 8, Spring Boot, and REST API
* Followed agile methodology with daily stand-ups and biweekly sprints and retrospectives.
* Experience with developing for cloud-based applications (i.e. Amazon AWS)
* Installed and configured Jenkins and managed CI/CD environments. Managed Docker environment, including Docker files and configuration
* Experienced on implementing Continuous Integration (CI) using Jenkins Tool to setup automated builds and achieve continuous deployment using AWS Code Pipeline, thus achieving CI/CD.
* Contributed Full stack development in native Golang backend, native JavaScript, and Bootstrap Framework for financial web application between advisers and their clients.
* Experienced in writing Terraform scripts for infrastructure configuring
* Experience in developing Android Application using Android Studio, Eclipse IDE, Android SDK, ADT plug - in.
* Using Angular 9/8/7, HTML5, CSS/CSS3/SCSS, TypeScript, JSON, Node, Webpack, Grunt.
* Creating reproducible infrastructure environments for the microservices architecture (Ansible, AWS CloudFormation)
* Used GIT for version control, and Jenkins for Continuous Integration and Continuous Deployment (CI/CD)
* Developed Micro services using Spring Boot and deploying them as a docker image on AWS using CICD pipeline
* Used SOAP web services to interact with 3rd party providers (Vertex/Thomson Reuters) for Tax calculation.
* Used Google static map API for maps.
* Highly-available and auto-scalable set of microservices with zero-downtime deployment, unified monitoring and logging (Docker, AWS Elastic Beanstalk, Ansible, Jenkins, Datadog, Splunk)
* Assisted in preparation and on-the-day activities for production releases.
* Provided technical support including issue investigation and analysis for production alerts; fulfils tasks that aid monitoring of production health.
* Experienced in working with SQL database with Store Procedures, Functions and joining Queries.
* Implemented Spring boot microservices to produce and consumes the messages from the Kafka cluster setup using Spring Cloud Kafka Streams.
* Working experience with HTML, CSS and JavaScript
* Used Swagger, Postman for testing the responses and analyzing the technical issue.
* Writing and executing unit test cases using JUnit and Mockito Testing Framework.
* Worked extensively in front end technologies like HTML5, CSS3, JavaScript, jQuery data tables, Angular6, media queries for responsiveness to develop Single-Page Application.
* Developed components using Angular classes, services, models and es6 features.
* Developed messaging Components using Spring Integration and JMS to send messages from one application to other application internally.
* Enhanced application performance by Angular 8 Component based development in view of future Angular framework transitions.
* Worked on Migration of legacy EJB based SOAP APIs to Golang based services, REST Services.
* Enhanced, fixed functional and performance related bugs in core product written in GO (Golang).
* Implemented Micro Services to perform quick transitions to report to the host system.
* Involved in Spring RestfulAPI Design & development to make other systems interaction.
* Developed REST Web Services using JAX-RS and consumed the Web Services to retrieve data from different applications using REST protocol
* Build Spring based Java and Scalamicroservices to support enterprise web applications
* Worked with JDBC programs using Oracle and MySQL databases and developed SQL and PL/SQL for Oracle to process the data.
* Involved in the implementation of DAO using Spring-Hibernate ORM.
* Used Oracle 11gas backend database using Windows OS. Involved in development of Stored procedures
* Executing tasks on XML registry, XSLT/XQuery and transformation capabilities.
* Performed deployment of applications on IBM WebSphere Application Server
* Used Agilemethodology for the software development process.
* Used GIT as source control tool for branching, merging and maintain code versions in the repository enabled using Maven Versioning Capability.
* Used JUnit framework for unit testing of application and Log4j to capture the log that includes runtime exceptions.

**Environment:** Java, J2EE, JDK 1.6, Node JS, Angular 2.0/4.0/5.0 Core Java, GWT, Angular Apache Kafka java8 Spring 3.0, JMS,UNIX,JVM, Typescript AJAX, SQL, REST,AWS,XML, Nagios , AWS, Ansible,Linux ,IBM Websphere, Restful, Rest, Agile, Log4j, Maven, Angular2.0, Bootstrap,DevOps Eclipse, CSS, AngularJS, NodeJS, Google Maps API.Ajax, JIRA, Javascript, DAO, HTML, jQuery, JAX-RS, XSLT, JSON, JSP, Oracle, SVN, Maven, Hibernate, RESTful, SOA, Spring MVC

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**Client: VIASAT INC, NC March 2019 to Aug 2021**

**Role: Sr Full Stack Developer**

**Roles & Responsibilities**

* Developed the application using Agile Methodology.
* Involved in developing the applications using Spring Framework for Dependency Injection.
* Involved with bug fixing on functionality, performance and designing issues with JavaScript, JQuery, HTML5, CSS3 and Angular JS.
* Supporting and implementing web application built on MEAN stack.
* Designed and developed code for Exchange project using the Java EE 6 platform.
* Designed use cases, sequence and class diagrams, activities, states, objects and components.
* Utilized Angular.JS UI-bootstrap components like time picker, directives, model pop-ups, ng-grid, router, progress bar, ng-Idle, ng-Upload
* Responsible for creating and maintaining web applications and web services that interact with complex databases.
* Created POC for Spring Batch for running batch jobs.
* Building/Maintaining Docker container clusters managed by Kubernetes, Linux, Bash, GIT, Docker, on GCP . Utilized
* Kubernetes and Docker for the runtime environment of the CI/CD system to build, test deploy
* Designed and implemented AWS solutions using EC2, S3, EBS, ELB, VPC and Cloud formation.
* Used Rest angular in an AngularJS service to make GET/POST/PUT/DELETE.
* Used Hibernate framework for the backend persistence.
* Very Good understanding of Android Back-end and UI guidelines.
* Used Test driven development (TDD) & developed unit test cases using JUnit.
* Worked on JavaScript 1.5 for dynamic content to pages, utilized CSS3 for the front end.
* Developed single page applications, components using Angular JS directives.
* Wrote backend scripts that performed maintenance tasks on the contract data using JDBC.
* Used Spring IOC for dynamic bean injection.
* Design and develop unit testing scenario for APIs using JUnit, Mockito and for TypeScript components using Karma, Protractor and TestNG.
* Developed a microservice that extracts data from PostgreSQL and generates a flat file and sends to AWS S3 using GO (Golang)
* Performed Golang unit testing and benchmarking for microservices and worked on integration of PostgreSQL database.
* Worked on Cloud implementation by installing, building and deploying applications using Cloud Foundry and using AWS.
* Analyzed and fixed issues related to REST Web services and Application responses.
* Spring AOP to modularize cross-cutting concerns in aspects.
* Developed Stored Procedures and Triggers on Oracle Database.
* Configured Spring based Microservices and SpringBoot.
* Implemented and Consumed REST and SOAP Web Services.
* Used Apache tomcat as a web server and WebLogic as an application server to deploy various components of application.
* Developing the application using Spring MVC Architecture with Hibernate as ORM framework.
* Used Hibernate Cache for query to improve the application performance.
* Implemented search functionality, filtering, pagination using Hibernate Criteria Query interfaces.
* Deployed AJAX call for asynchronous data retrieval from back-end.
* Used Maven to build and deploy the application in the server.
* Used SVN software configuration management and version control.
* Used Log4j for logging purposes.
* Involved in design and development of GraphQL and services to interact with data storage layer.
* Developed test classes in JUnit for implementing unit testing.
* Performed unit testing using Junit.
* Used UML (MS Visio) for software design.

**Environment**: Java 1.7, Oracle 12c/11g, Servlets, JSP, AngularJS, Angular2, JSTL, Spring 3.0, Spring ORM, SpringBoot, Hibernate 3.2, Struts, Microservices, REST/SOAP Web Services, Hibernate 3.0, Restful WebServices, API, Apache Tomcat Server, WebLogic 10.3, Eclipse, Log4J, Ajax, Nagios, AWS, Chef, Jenkins, Ant, Maven, TypeScript PL/SQL, JQuery, GraphQL  ,AngularJS, NodeJS, JSON, SVN, XML, XSTL, XSD, SOAP, Amazon Web Services, Maven, Junit, PowerMock.

**Client:** Digit ivy Technology Solutions, Inc, Hyderabad, Ind Nov 2017 to Dec 2018

**Role:** Sr Java/J2EE Developer

**Roles & Responsibilities**

* Designed and developed UI using Java, J2EE, HTML, and Java Script where users have all the items listed for auctions.
* Involved in collecting requirements from Business Users and Data Modeling and designing and developing Tools using Java, Servlets, EJBs, and JSP.
* Developed applications using Java, JSP, Servlets, JavaBeans, JSTL, JSP, JavaScript and XML and developed application using Eclipse IDE
* Worked on various two different projects writing HTML, CSS and JavaScript based on provided designs to get web sites and web applications.
* Strong knowledge on SOAP and RestFul Web services.
* Developed web pages using JSP, JavaScript, JQuery, HTML, XHTML, XML, CSS and AJAX.
* Used AWS SDK for connection to Amazon S3 buckets as it is used as the object storage service to store and retrieve the media files related to the application.
* Created several reusable typescript components and directives, used angular http client module to consume the restful services.
* Developed Web Services to retrieve data from legacy systems.
* Created several JSP's and populated them with data from databases using JDBC.
* Developed Web Services using REST and SOAP.
* Involved in creating, modifying and updating database tables in oracle 11g.
* Developed the Web Application using JSP, Servlets, HTML and performed validations using JavaScript.
* Used various Core Java concepts such as Multi-Threading, Exception Handling, Collection APIs to implement various features and enhancements.
* Developed the application based on MVC architectural design pattern.
* Used SOAP for Web Services by exchanging XML data between applications over HTTP.
* Developed ANT build scripts to build and deploy application in enterprise archive format.
* Written Unit tests for the Angular Code using JASMINE, KARMA, and End to End tests using Protractor.JS.
* Developed SQL queries and used stored procedures to perform transactions with the DB2 database.
* Developed Unit Test Cases to test the Interfaces. Involved in Modules Testing and Integration Testing.
* Used Log4J for logging and debugging and Spring IoC to inject data into Java beans.
* Involved in developing & exposing web services and also consumption of Web Services like RESTFUL Web services.
* Used MAVEN for project management and build automation.
* Used Subversion as a version control for implementing the application.
* Involved in developing code for obtaining bean references in spring framework and used Spring MVC to implement the Model View Controller pattern.

**Environment:** Java 1.7/J2EE, Spring MVC ,JavaScript, Spring, JSF, Web Services, JSP, AJAX, jQuery, JSP, Mongo DB, MySQL, Soap, Oracle 11g, WebLogic application server, AWS, JavaScript, Angular.JS, Node.JS, Mule ESB, CSS3, Spring MVC, Hibernate, JMS, Eclipse, Servlets, AJAX, ANT, SVN, Eclipse, Restful web services, Windows

**Client**: Lex Nimble Solutions, Hyd, India May 2015 to Oct 2017

**Role**: Software Developer

**Responsibilities: -**

* Developed using new features of Java 1.5 like Annotations, Generics, enhanced for loops.
* Designed and implemented Struts (MVC Paradigm) components such as Action Mapping, Action class, Dispatch action class, Action Form bean and used JavaBeans to return dynamic information.
* Used Core Java Design Patterns like Singleton, Factory, MVC, Intercepting Filter, Front Controller, Business Delegate, Service Locator, Session Facade and DAO.
* Worked in all the modules of the application which involved front-end presentation logic developed using Tiles, JSP, JSTL, javascript, XML.
* Business objects were developed using POJOs and data access layer using Hibernate.
* Involved in writing Thread Safe blocks for multithread access to make valid transactions.
* Created and injected spring services, spring controllers and DAOs to achieve dependency injection and to wire objects of business classes.
* Exposed the Web Services (REST) to the client applications by sharing the WSDL's.
* Created DDL and DML SQL scripts for creation of database objects.
* Created logical and physical data models putting to practice, concepts of normalization and RDBMS
* Used Spring Inheritance to develop beans from already developed parent beans.
* Involved in configuring Hibernate mapping files and POJO objects.
* Used Hibernate Transaction Management, Hibernate Batch Transactions and Hibernate cache concepts.
* Developed various generic JavaScript functions used for validations.
* Developed screens using JSP, JavaScript, HTML and CSS.

**Environment**: Java 1.5, J2EE, JDBC, Servlets, XML, JAXB, Spring boot, HTML, CSS, JSP, JSTL, JavaScript, jQuery, Ajax, PL/SQL, Hibernates, Oracle 10g, JAXB, WSDL, SOAP, Log4j,

**Education:**

* **Bachelors in** Electronics And Communication Engineering, JNTU-H