**Sujitha Chittiprolu | Sr Java Full Stack Developer**

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**PROFESSIONAL SUMMARY**

* 8+ Years of experience in Information Technology in various roles with experience in Design, Analysis and Full Stack Development using versatile frameworks.
* JavaScript Full Stack Developer with exclusive experience in micro services architecture using React/Redux.
* Functional expertise includes Web Application & Desktop Application, CRM Applications.
* Expertise with Object Oriented Design (OOD), Object Oriented Analysis (OOA), Object Oriented Modeling (OOM) based on Unified Modeling Language (UML) architecture.
* Expertise in developing SOA (Service Oriented Architecture), REST and J2EE Web Services based on SOAP, BPM, WSDL, JAX-WS, JAXB, JAX-RPC using tools like Apache Axis.
* Good knowledge on reading and following UML design documentation such as Database, and Data Flow diagrams and designed Use Case Model, Use Case Diagrams, and Class Diagrams, sequence diagrams.
* Proficient in design and rapid development of web and J2EE applications using Core Java, JSP, JSF, CSS, Servlets, EJB, JavaScript, Spring, JDBC, JNDI, HTML/DHTML, XML and Struts framework.
* Expertise in Spring framework, extensively used Spring DI, Spring AOP, Spring JDBC templates and developed RESTful web services using Spring MVC.
* Experience in Agile software development process, Test Driven Development and Scrum.
* Experience in client side designing and validations using HTML, CSS, JavaScript, AJAX, JQuery, Nodes, Angular 15 and in developing Custom pipes, Shadow DOM.
* Utilized Java 8 features like Lambda expressions and Stream API for Bulk data operations on Collections which would increase the performance of the Application.
* Developed Graphical User Interfaces using UI frameworks Angular 15 and Webpage's and RIA applications using Flex, HTML5, CSS, Ajax, Dojo and Node JS and JSP's for user interaction.
* Good knowledge on AWS cloud formation templates and configured SQS service through Java API to send and receive the information.
* Comprehensive knowledge in RDBMS databases like Oracle 10g/11g, SQL Server 2005, 2008, DB2, and MySQL 4.x, 5.0.
* Extensive experience in developing GUIs using Struts, SPRING MVC, SPRING web flow Frameworks.
* Experience Hands on with PL-SQL Stored Procedures, Triggers and Views.
* Experience on Web Services, SOAP, JAX-RPC, WSDL, JSF, HIBERNATE, EJB, XML.
* Development experience in Windows, Linux, Mac OS, Docker containers and UNIX operating systems.
* Used DAO access and writing DML, DDL and triggers for DB2 database and other client environment specific tools to design the client module.
* Experience in working with build management tools like Ant, Maven and Jenkins.
* Experience in installing, configuring, tuning Apache Tomcat, WebLogic and WebSphere.
* Ability to work individually as well as in a team with excellent problem-solving skills, troubleshooting capabilities, learn new tools and concepts.
* Designing the services and endpoints based on the Domain Driven Design approach for the Micro services and API/Endpoints to facilitate reusability and maintenance and Richardson’s Maturity model.
* Worked on IDEs such as Eclipse/My Eclipse, JBuilder.
* Comprehensive knowledge in databases like MySQL, SQL Server, DB2 and Oracle writing Triggers, Stored Procedures and Normalization of databases.
* Expertise in database modeling, administration and development using SQL and PL/SQL in SQL Server environments and in using issue tracking tools such as Quality Centre and JIRA.

**TECHNICAL SKILLS**

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| Languages | Java (J2SE1.8/1.6/1.5, J2EE 6/5), SQL, PL/SQL, UML2.0 |
| Technologies | JSP2.1/2.0/1.2, Servlets2.x, JavaBeans, JDBC, Struts2.x/1.x, RMI, EJB3.0/2.1, Hibernate3.x/2.x, Spring 3.0, Spring 4, SOA, SAX and DOM Parsers, AJAX, JAXB2.1/2.0, JAXP1.x, LDAP, Sybase Power Designer, RESTful and SOAP web services, GraphQL. |
| Web Technologies | HTML/DHTML, XHTML1.1, JavaScript1.x, XML1.0, XSL, XSLT, CSS, Bootstrap, Angular-JS, jQuery. |
| Development Tools (IDEs) | Eclipse3.2/3.0/2.1.1, MyEclipse6.0/5.1.1, RAD7.0/6.0, WSAD5.x/ 4.x, NetBeans3.3, MS Visual Studio 2005, Brackets and Web storm. |
| Web/Application Servers | Tomcat 7.x/6.x/5.x, WebLogic10.3/9.2/8.1/7.0, IBM WebSphere 8.x/7.x/6. x. |
| Data Bases | Oracle 11g/10g/9i/8i, MS SQL Server 2005/2000, MySQL5.1/4.1, DB2 9.1/8.1/7.2, Mongo DB. |
| Platforms | Windows, UNIX, LINUX. |
| Methodologies | Agile Methodology, RUP, Extreme Programming. |
| Build Tools | Rational Rose, CVS, GIT, SVN, VSS, Clear Case, JIRA, Jenkins, JUnit, TestNG, Selenium, Cucumber, Beehive, Mockito, IBM MQ, Log4j, ANT, Maven, Gradle, EC2, VPC, SNS, SQS. |

**PROFESSIONAL EXPERIENCE**

**American Airlines - Fort Worth, TX Nov 2022 - Present**

**Sr Java Full Stack Developer**

Responsibilities:

* Designed and programmed system-level software for microservices-based APIs and API endpoint implementation.
* Utilized cloud-native frameworks (specifically pivotal technologies), database systems, and relevant programming languages.
* Implemented Angular 15 features and Router Module to create a Single Page Application.
* Collaborated with agile team members, technical leads, and product owners to refine backlog requirements.
* Developed user interfaces and REST services using Spring MVC, Spring Boot, Hibernate, HTML5, CSS3, JavaScript, Angular, and React JS.
* Integrated Spring framework applications and microservices into existing system architecture.
* Consumed and exposed REST APIs with JAX-RS, handling XML and JSON interfaces.
* Conducted performance testing and load balancing with Kubernetes and Meter.
* Worked with Apache Kafka for message implementations and system integrations.
* Tested REST API outputs using Swagger, Postman API, and SOAP UI.
* Created web-based applications using Node.js and Redux workflow.
* Deployed and tested applications in various environments (DEV, QA, Production) on JBoss Server.
* Participated in the growth of AWS foundational footprint and worked with Kafka cluster setups.
* Managed and developed MongoDB clusters and created JavaScript for DML operations.
* Provided RESTful API utilizing Spring Boot with Microservices.
* Designed and developed Restful APIs and services following best practices.
* Performed end-to-end testing with Protractor, Selenium, and Cucumber.
* Used GIT for defect and change tracking, wrote Junit test cases, and used ANT for build automation.
* Conducted functional testing of Java applications using JBoss and log statements.

**Environment**: Java8, REST, Microservices, SOAP, XML, Angular 15, Spring, Spring Boot, Spring MVC, Spring Core, Spring AOP, Spring Batch, Spring Security, Docker, Confluence, Git, Jenkins, Kubernetes, Maven, Kafka, Meter, JBoss, Apache Tomcat, Active MQ, Splunk, POSTMAN, Hibernate, JSP, HTML5, CSS3, JavaScript, React JS, JAX-RS, Swagger, Node.js, Redux, AWS, MongoDB, Protractor, Selenium, Cucumber, GITHUB, Junit, ANT.

**State Of WA-Kirkland, WA May 2021 – Oct 2022**

**Sr Java Full Stack Developer**

Responsibilities:

* Reviewed business requirements and functional designs and participated in creating Wire Frames.
* Engaged in Agile processes, including bi-weekly sprints and daily scrums, following Test Driven Development (TDD).
* Utilized Angular 10 Flex Layout for sophisticated layout API using Flexbox CSS and media queries.
* Developed single-page applications using Covalent framework, Angular 10, Typescript, Material design, Karma, and Jasmine.
* Served as Point of Contact (POC) for on-call production support.
* Implemented server-side features using Spring Core, Spring MVC, Spring Boot, Microservices, and Hibernate.
* Debugged code using developer tools and performed unit testing with Jasmine and Karma.
* Created responsive web application pages using Angular 10 and consumed RESTful web service APIs.
* Developed CSS styles using SCSS and implemented routing for single-page applications.
* Configured and monitored Cassandra clusters using OpsCenter and Nagios.
* Worked with MongoDB, including Mongo Compass, Mongo Atlas Manager, and Ops Manager.
* Analyzed big data with tools like Hadoop, SOLR, Spark, Kafka, and Storm.
* Deployed and scaled applications using AWS Beanstalk.
* Led daily stand-ups and scrum ceremonies, working with product owners for backlog grooming and sprint planning.
* Created microservices using Jersey, Spring, and Node.js, and developed RESTful APIs.
* Used Express Framework and ECMAScript 5.0 for middleware and large applications.
* Developed functionalities under Agile Methodology, using JIRA for task assignment and bug tracking.
* Managed version control with GitHub and Gitlab and worked with Docker containers.

**Environment**: HTML 5, CSS 3, JavaScript, Angular 10, Angular-Material, Node.js, Express, MongoDB, SCSS, FLEX-BOX, DOCKER, APP CENTER, HTTP Module, Http Client Module, MEAN STACK, NPM, Grunt, underscore.js, require.js, crypto.js, passport.js, Spring Core, Spring MVC, Spring Boot, Microservices, Hibernate, RESTful Web Services, SOAP, Karma, Jasmine, AWS Beanstalk, Cassandra, OpsCenter, Nagios, Hadoop, SOLR, Spark, Kafka, Storm, Jersey, JIRA, GitHub, Gitlab, ECMAScript 5.0.

**Equifax – St Louis, MO Nov 2019 – Mar 2021**

**Java Full Stack Developer**

Responsibilities:

* Collaborated with Business Analysis teams, Product Owners, and Clients to collect and understand business requirements and convert them into functional and technical specifications.
* Involved in the Software Development Life Cycle (SDLC), including Requirements Gathering, Design, Coding, Integration, Deployment, and Production phases.
* Built RESTful web services using Node.js and Express.js and created reusable components and services in TypeScript with Angular 7/6 and GraphQL.
* Developed single-page applications (SPA) using React.js, implementing state management with React-Redux and client-side routing with React-Router.
* Designed and implemented applications using Spring and J2EE frameworks and built web-based applications with Spring MVC and REST Web Services.
* Implemented JSON web tokens for authentication and authorization in Node.js applications.
* Developed asynchronous logic for CRUD operations in MongoDB using the Mongoose connector.
* Created Angular HTTP Client interceptors to add JWT tokens to outgoing requests.
* Set up Kafka clusters in QA and Production environments.
* Developed and implemented unit and integration test cases using Chai and Mocha and performed functional testing with Selenium.
* Deployed microservices in AWS cloud infrastructure using Jenkins CI/CD pipelines.
* Used Pivotal Cloud Foundry for building, deploying, and updating applications, and managed the platform with Kubernetes and Docker.

**Environment**: Java, HTML5, CSS3, Typescript, REACT JS, REDUX, Chai, Angular 7/6, Spring, Mocha, Git, NPM, YARGS, Grunt, Bower, Spring Security (JWT), MongoDB, Kafka, Node.js, Express, Jetty Server, AEM, Kubernetes, Docker, AWS, EC2, Jenkins, Splunk, Pivotal Cloud Foundry, Selenium.

**Lululemon – Dallas, TX Mar 2017 – Oct 2019**

**Java Full Stack Developer**

Responsibilities:

* Designed and Developed UI for Customer Service Modules and Reports using Angular 5, HTML5, CSS3, Bootstrap3, JavaScript and jQuery.
* Used a Microservices architecture, with Spring Boot-based services interacting through a combination of REST and Spring Boot.
* Configured Queues and Topics as part of application integration and defined Camel routing between queues/topics.
* Mainly responsible for developing Restful API using spring framework. Developed different controllers that return the response both in JSON and XML based on the request type.
* Web Services in JAXP based on SOAP protocols using XML and XSLTW and created data sources with JDBC.
* Used CSS3 for de scribing the presentation of Web pages, including colors, layout, and fonts. Validations for the Client Side were done using JavaScript.
* Maintained 24/7 high volume availability demands using open-source tools such as Linux, Apache, PHP, and MySQL.
* Developed real time tracking of class schedules using Node JS (socket.io based on socket technology, Express JS framework).
* Created data model for structuring and storing the data efficiently and implemented partitioning and bucketing of tables in Cassandra.
* Involved in securing API proxies using various mechanisms like API key, Spring OAuth, LDAP, content protection policies in Apigee Edge.
* Developed application using Spring MVC- Implemented Various Controllers, used spring's component-scan and auto wiring functionalities.
* Developed views using Bootstrap components, Angular-UI and involved in configuring routing for various modules using angular UI router.
* Involved in writing application-level code to interact with APIs, Web Services using AJAX, JSON and XML.
* Configured Oracle connection pool, which is included in Oracle JDBC driver JAR file, to allow concurrent access to the database and optimize performance.

**Environment**: JAVA, JSP, Servlet, EJB, Spring, JavaScript, Hibernate, UML, JQuery, Struts, clipse, Apache, Oracle ECM, Struts, Web service, SOAP, ILOG, AWS, ETL, Web2.0, LDAP, Kafka Apache Tomcat Server, SOA, PL/SQL, Oracle10g, UML, Web logic, Junit, Cassandra.

**TCS - Hyderabad, Telangana Apr 2013 – Sep 2016**

**Java Full Stack Developer**

Responsibilities:

* Worked in a highly dynamic AGILE environment and participated in scrum and Sprint meetings. Participated in Iteration planning, requirements analysis, design, coding, testing, and documentation.
* Designed and development of User Interfaces, tables using HTML, CSS and Typescript, Angular2 and GraphQL.
* Used OOPS concepts like Encapsulation, polymorphism, collections, and multithreading.
* Used Java 8 Method References feature to point to methods by their names and used functional Interfaces.
* Used POSTMAN to check the Json data received from the services.
* Used Web services for sending and getting data from different applications using SOAP messages.
* Integrated Spring Boot Hibernate and JPA framework.
* Used Hibernate Framework for object relational mapping and persistence
* Converted a monolithic app to microservices architecture using Spring Boot using 12-factor app methodology. Deployed, Scaled, Configured, wrote manifest file for various Microservices in PCF.
* Migrating existing application into micro services architecture using Rest APIs, spring boot, Spring Cloud config Netflix oss (eureka, zuul, hystrix) and AWS. Generated Metrics with method level granularity and Persistence using Spring AOP and Spring Actuator.
* Used MySQL database and written number of sql queries for retrieving the data and validated that data against the business rules.
* Worked on Swagger API and auto-generated documentation for all REST calls.
* Used MAVEN as a Build Process and used generating Documentation, Reporting, and adding Dependencies.
* Implemented CI CD pipelines using Jenkins and build and deploy the applications.
* Created a fully Automated Build and Deployment Platform and coordinating code builds, promotions and orchestrated deployments using Jenkins and GIT.
* Fixed the bugs in the existing application by tracking in JIRA.
* Used GITHUB for Repository Management.
* Involved in System Testing, Integration Testing, and Production Testing on WebLogic Server.
* Worked with Docker for creating Docker images using Docker file and Docker Compose file.
* Restful Web services for other systems to interact with our system and secured the service with Spring-Security Oauth-2.0.

**Environment**: Java/JDK, Spring Batch, Spring Boot, Spring MVC, AWS, Hibernate, JSON, RESTful, Eclipse, MAVEN, JUnit, APIGEE, Jenkins, MongoDB, Agile Methodology, GIT, Docker, Kubernetes and Log4J, Swagger, Angular 2, HTML5, CSS3, J-Query, Node.JS, TypeScript, AJAX, POSTMAN, Microservices, Bootstrap.

# EDUCATION

## Bachelor’s in computer science, GIET, India – 2013