

# Sriram Alokam

Senior Java Developer

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## PROFESSIONAL SUMMARY:

- **8 years** of extensive experience as a Java Developer in analysis, development and testing of Web based, Client/Server and Distributed applications using Java and Java EE Technologies.
- Experience developing component-based n-tier applications using J2EE technologies and strong programming experience in JDK 1.8/1.7, J2EE technologies – Servlets, JSP, JDBC, Java Persistence API (JPA), Hibernate and Spring Framework.
- Proficient in UI design, developed Front End using JSP, HTML5, CSS3, JavaScript, Ajax, jQuery, Angular 2, React 2.0, Node JS, React JS
- Strong programming skills in designing and implementation of multi-tier applications using web-based technologies like Spring MVC and Spring Boot.
- Developed applications using spring frameworks which includes Spring Core, Spring JDBC, spring hibernate, spring boot and Spring MVC.
- Proficient in Java/J2EE Design Patterns like Singleton, command, object pool, session facade, Model View Controller (MVC), Data Access Object (DAO).
- Expertise in developing and updating a web page quickly and effectively using HTML5, CSS3, ReactJS, Angular 2 Bootstrap and jQuery with the webpage Cross Browser Compatibility and Responsive Web Design.
- Involved in development of SOAP based web services using WSDL, SOAP, JAXB, CXF, AXIS, JAX-WS and Restful web services using JAX-RS, CXF.
- Experience in creating JavaScript for using DML operations with MongoDB.
- Knowledge of XML and related technologies like XSL, XSLT and parsers like JAXP (SAX, DOM) and JAXB.
- Experience in implementing web-based projects using Web/Application Servers such as WebLogic, Apache Tomcat, IBM WebSphere, and JBOSS Application Server.
- Defined set of security policies which helps in identifying, categorizing and protecting the assets on AWS, managing access to AWS resources using accounts, users and groups.
- Knowledge of application development for Cloud platforms using technologies like Java/J2EE, Spring Boot, Spring Cloud, Microservices. Experience in Microservices and Spring Boot application development.
- Experience with databases such as Oracle, SQL Server, MySQL, DB2 and MS Access.
- Strong knowledge on working with GraphQL schema, queries and mutations to interact with MongoDB and several other data layers.
- Proficient in developing APIs for middleware framework modules for Mobile platforms using C, C++ and Java.
- Extensive experience in implementation of version control software SVN and CVS.
- Hands-on experience working with the JMS provider IBM MQ Series. Developed Message Driven Beans (MDB) and extensively used the JMS API.
- Application development in different environments like Windows, Linux and UNIX.
- Good Working Knowledge of ANT and Maven for project build/test/deployment, Log4j for logging, and JUnit for unit testing.
- Created multiple Kubernetes clusters in AWS and deployed a Docker image on top of Kubernetes Cluster for testing purposes.
- Good experience with Source code management collaboration tools GIT, SVN, GitHub, Bitbucket, Gitlab, TeamCity, Pivotal Tracker, AWS-Code commit.
- Technical expertise, Comprehensive problem-solving abilities, Innovative thinking, Interpersonal skills and Ability of quick learning and work effectively with a team under stringent deadlines.

## EDUCATIONAL DETAILS:

- Bachelors in Computer Science -R.V. R & J.C College of Engineering - 2014
- Masters in Computer Science – Texas Tech University - 2017

## TECHNICAL SKILLS:

Languages	Java, PL/SQL, Python, Scala, C++ , C#, Node.JS
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<b>Java/J2EE Technologies:</b>	J2EE, Servlets, JSP, EJB, JSTL, JDBC, JSF, JavaBeans, Struts, MVC, Hibernate, Mockito, Spring, Log4j, XML, JMS, JNI, Junit, Web services and Custom Tags.
<b>Web Technologies</b>	HTML, JavaScript, CSS, XML, Bootstrap, Angular 2 & React.JS
<b>Frameworks and IDE's</b>	Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, JMS, Log4J, Junit, SOA, Jasper reports, SOAP UI, Spring Boot, Spring Batch, Spring Security, JPA
<b>Application Servers</b>	Apache Tomcat, WebLogic, WebSphere, JBOSS
<b>Databases</b>	Oracle, SQL Server, PL/SQL and My SQL
<b>Operating Systems</b>	Windows, Linux, UNIX
<b>Message Brokers</b>	Kafka, Rabbit MQ, Active MQ, IBM MQ, TIBCO
<b>Web Services</b>	WSDL, SOAP, and REST API, AWS, Microservices
<b>CI/CD Tools</b>	Jenkins, Docker, OpenShift, Kubernetes, Maven
<b>Version Control Tools</b>	SVN, Git, CVS, TFS
<b>IDE's</b>	Eclipse, NetBeans, Spring
<b>Methodologies</b>	Agile, Waterfall, SDLC, TDD

### **Professional Experience:**

**Client: Ford, Auburn Hills, MI**

**Aug 2018- Till Date**

**Role: Senior Java Developer**

### **Responsibilities:**

- Developed the functionalities using Agile Scrum Methodology.
- Extensive experience in various Agile methodologies like Test Driven Development (TDD).
- Extensively used core java concepts like Multithreading, Collections Framework, File I/o and concurrency.
- Developed code for Responsive web design in JavaScript using frameworks on Angular 2.
- Involved in rendering additional components with custom HTML tags using Angular 2.
- Experience in Core Java concepts such as OOP Concepts, Collections Framework, and Exception Handling, I/O System, Multi-Threading, JDBC, Generics.
- Used Java8 features in developing the code like Lambda expressions, creating resource classes, fetching documents from database.
- Used design patterns like Singleton, Data Access Objects, Factory and MVC patterns.
- Testing and production support of core java based multithreading ETL tool for distributed loading XML data into Oracle database using JPA/Hibernate.
- Created POJO's and DAO's for the database entities using Spring JDBC annotation mappings
- Integrated with Spring Cloud projects to provide distributed tracing and other features.
- Developed microservices with Spring and tested the application using Spring Boot.
- Used Spring Core annotations for Spring Dependency Injection, Spring MVC for Rest API's and Spring Boot for microservices.
- Development of cloud hosted web applications and REST APIs using Spring Boot with embedded Tomcat.
- Developed GSA, LSS and SDL using C++, Multithreading and socket programming.
- Deployed the application on Amazon Web services (AWS) and used it to provide a large computing capacity for scalable solutions.
- Deployed applications into Continuous integration environments like Jenkins to integrate and deploy code on CI environments for development testing.
- I have enhanced the project by introducing reusable modules and custom directives in Angular 2, strategically employed throughout the application.
- The implementation includes Angular 2 controllers to meticulously manage view data and service calls, seamlessly utilizing Angular Factory for efficient communication. Rigorous testing of all application controllers has been conducted, leveraging Angular 2's built-in testing facilities to ensure robustness and reliability.
- Implemented Rest based web service using JAX-RS annotations, Jersey provider implementation.
- Integrated ActiveMQ and spring JMS API to send and receive message for the application's Restful API.
- Experience in design and development of Web services, JAX-RPC, JAX-WS, RMI, JTA, JMS and XML, XSD, XSLT, X-Path.
- Wrote build scripts using Maven.
- Developed the persistence layer using Hibernate Framework by configuring the 1:1/1: M/M: M mappings in hibernate files and created DAO and POJO.

**Environment:** Core Java/J2EE, Agile Scrum, Hibernate 3.x, AWS, Spring IOC, Spring MVC,

Spring RESTful Web service, JMS, Cassandra, AJAX, Oracle, Servlets, Angular 2, Kafka, Hadoop, Hive, Drools, Jetty, Jboss, UML, CSS, Java Script, HTML 5, Ant, Windows, SVN, Log4j.

**Client: CVS Pharma, RI**

**Jan 2017- July 2018**

**Role: Java Developer**

**Responsibilities:**

- Built application platform foundation to support migration from client-server product lines to enterprise architectures and services.
- Designed strategic plan for component development practices to support future projects
- Implemented MVC pattern in the application development using spring
- Extensively used Java 8 features such as lambda expressions, Parallel operations on collections and for effective sorting mechanisms
- Worked on Node JS to and rest-based services.
- Involved in creation of automation framework in Appium Web driver using behavior driven approach like Behave, Cucumber.
- Developed test scripts with Ruby-Selenium to automate browser and web applications under Cucumber (BDD) Framework.
- Used Maven as the build tool for the application.
- Involved in the integration of the Front-End web interface with the controller using Spring MVC
- Used REST and SOAP Web Services to exchange information
- Developed data architecture design to enable analysts to perform targeted customer analysis
- Development of the service layer using Core Java/J2EE.
- Experience in working with various stakeholders such as Developers, PMs, TPMs, SDETs and QAs efficiently.
- Experience providing leadership and mentoring for other SDETs and influencing development partners to use best practices.
- Involved actively in designing web pages using HTML, jQuery, JavaScript, CSS 3 and Bootstrap, React JS.
- Developed the DAO layer using Hibernate as Abstract Factory, which is used across all Entities
- Drafted comprehensive reports to document bugs and design flaws.
- Migrated data to MongoDB and worked on API's to deliver the data to different modules.
- Employed UML artifacts for object modeling. Designed Use Cases, System Sequence Diagrams, Collaboration Diagrams and Class Diagrams
- Deployed Java/j2ee applications on WebSphere Application Server
- Web Services approach for Service Oriented Architecture (SOA)
- Written database queries and programs for data insertion, updates and views

**Environment:** Core Java/J2EE, Agile Scrum, Hibernate 3.x, AWS, Spring IOC, Spring MVC, Spring RESTful Web service, JMS, Cassandra, AJAX, Oracle, Servlets, React JS, Kafka, Hadoop, Hive, Drools, Jetty, Jboss, UML, CSS, Java Script, HTML 5, Ant, Windows, SVN, Log4j.

**Client: Convergys, Hyderabad, India**

**Jan -2014 - Dec 2015**

**Role: Java Developer**

**Responsibilities:**

- Developed frontend using HTML, JQuery, JavaScript, CSS 3 and Bootstrap, React JS.
- Developed Application User Interface by using HTML5, CSS3, bootstrap, AJAX, Node JS to build Responsive Single Page Application
- Involved in technical mentoring, production system support and customizing solutions
- Designed Use Cases, System Sequence Diagrams, Collaboration Diagrams and Class Diagrams
- Developed business rules and workflows using spring framework.
- Provided continued maintenance and development of bug fixes and patch sets for existing web applications.
- Used BDD framework with Cucumber, Java and created future files with scenario and scenario outline files.
- Configured Selenium WebDriver, TestNG, Ruby, Cucumber, Maven tool and created Selenium automation scripts in JAVA.
- Experience as a key contributor in SDET to the overall project team, and a technical resource on automation testing.
- Worked on application architecture based on Spring MVC (Model View Controller) and J2EE specifications.
- Worked on publishing and consuming rest based and soap-based services.
- Coordinated with systems partners to finalize designs and confirm requirements.

- Worked on creating documents in Mongo database and developed API's for data retrieval.
- Implemented various features of spring framework such as Dependency Injection, IOC, Annotations and spring integration with Hibernate
- Worked on writing the services to provide the relational mapping between the client-side applications with the backend
- Employed Hibernate for ORM mapping and persisting the data to backend
- Used Maven application and deployed on Weblogic Application Server
- Unit Testing Java code using junit and integrating with Jenkins
- Integrated Spring and Hibernate, configured logging using log4j and developed exception handling for the application
- Worked on Exposing and consuming SOAP based webservices to integrate application modules
- Involved in the development of Tables, Indexes, Stored procedures, Database Triggers and Functions

**Environment:** Spring Dependency Injection, Spring JDBC, Spring MVC, Java, Servlets, JSP, EJB , JMS, JDBC, HTML, XML, XSL, CSS, JavaScript, Rational Rose, Node.js,backbone.js, Eclipse, Web Logic, JIRA, WebSphere MQ Version 7.0,Oracle 8i, Windows, JSF ,JUnit