**Name: Srinivas Rao A**

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**Full Stack Java Developer**

**PROFESSIONAL SUMMARY**

* Over 10+ years of experience in Information Technology, encompassing various roles with a strong focus on Design, Analysis, and Full Stack Development using versatile frameworks.
* Highly skilled JavaScript Full Stack Developer with exclusive expertise in microservices architecture, leveraging React/Redux for optimal results.
* Proficient with SDLC, Waterfall, Agile Methodologies, JIRA tools, and Kanban boards.
* Extensive experience in JAX-RS, Struts, EJB 3.0, JMS, and ORM mapping frameworks.
* Expertise with JPA using HIBERNATE, spring JDBC.
* Experience in the IT industry as an Engineer with proven expertise in Automation, Build/Release Engineering, and Software development involving cloud computing platforms like Amazon Web Services (AWS), Azure, and Google Cloud (GCP).
* Experienced in using open-source platforms such as OpenShift, Docker, and Kubernetes
* Proficiency in developing and designing applications using Java 11
* Expertise in using version control systems such as Git, SVN, and CVS
* Experienced in developing Java applications using JDK 8 and JDK 11
* Extensive experience in developing Service-Oriented Architecture (SOA), REST, and J2EE Web Services using SOAP, BPM, WSDL, JAX-WS, JAXB, JAX-RPC, and tools such as Apache Axis.
* Proficient in developing RESTful web services using Spring MVC.
* Strong knowledge and ability to read and interpret UML design documentation, including Database and Data Flow diagrams.
* Extensive experience in developing applications using Core Java, Java 8, and J2EE technologies including JDBC, Java Servlets, JSP, EJB, Web Services (REST & SOAP), XML, HTML, JavaScript, JQuery, CSS, and AJAX.
* Excellent in deploying the applications in AWS as EC2 instances and create snapshots for the data that have to be stored in AWS S3.
* Experienced in using Java 11 APIs such as Date/Time, Streams, Lambda Expressions, and Concurrency
* Skilled in the design and rapid development of web and J2EE applications, utilizing Core Java, JSP, JSF, CSS, Servlets, EJB, JavaScript, Spring, JDBC, JNDI, HTML/DHTML, XML, and the Struts framework.
* Utilized Amazon Web Services (AWS) EC2 to deploy Docker containers with both monolith and Micro-Services architecture.
* Expertise in the Spring framework, extensively utilizing Spring DI, Spring AOP, Spring JDBC templates, and Spring MVC.
* Experienced in Agile software development processes, Test Driven Development (TDD), and Scrum methodologies.
* Proficient in client-side design and validations using HTML, CSS, JavaScript, AJAX, jQuery, Angular 11, and Node.js.
* Leveraged Java 8 features such as Lambda expressions and Stream API for efficient bulk data operations on Collections, enhancing application performance.
* Developed client-side validations using Angular 11, as well as custom pipes and Shadow DOM.
* Built Rich Internet Applications (RIA) using Flex, HTML5, CSS, Ajax, Dojo, and Node.js.
* Created Graphical User Interfaces using UI frameworks like Angular 11 and developed webpages using HTML, CSS, and JSP for enhanced user interaction.
* Possess good knowledge of AWS Cloud Formation templates and configured the SQS service through Java API for efficient information exchange.
* Comprehensive knowledge of RDBMS databases, including Oracle 10g/11g, SQL Server, DB2, and MySQL 4.x/5.0.
* Extensive experience in developing GUIs using Struts, Spring MVC, and Spring Web Flow Frameworks.
* Proficient with PL-SQL stored procedures, triggers, and views.
* Skilled in Web Services, SOAP, JAX-RPC, WSDL, JSF, ORM - Hibernate, EJB, and XML.
* Well-versed in the Spring and Struts frameworks.
* Hands-on experience in migrating existing Java applications in the AWS cloud and working on performance and cost-efficient solutions in the AWS cloud to suit application-specific needs.
* Development experience across Windows, Linux, Mac OS, Docker containers, and UNIX operating systems.
* Utilized DAO access and wrote DML, DDL, and triggers for the DB2 database, leveraging client environment-specific tools for effective module design.
* Demonstrated experience working with Java 11 and related technologies
* Worked with build management tools like Ant, Maven, and Jenkins.
* Experienced in installing, configuring, and tuning Apache Tomcat, WebLogic, and WebSphere.
* Demonstrated ability to work both individually and as part of a team, with excellent problem-solving and troubleshooting skills, and adaptability to new tools and concepts.
* Designed services and endpoints based on the Domain-Driven Design (DDD) approach and Richardson's Maturity model.
* Camunda REST API was implemented to allow for interaction with external systems as well as process instance monitoring.
* Extensive experience in developing applications using Core Java, Java 8, and J2EE technologies including JDBC, Java Servlets, JSP, EJB, Web Services (REST & SOAP), XML, HTML, JavaScript, JQuery, CSS, and AJAX.
* Experience in working with (AWS)Amazon Web Services Elastic Bean Stalk like EC2, SQS, S3, Lambda, Elastic Search, Dynamo DB, Elastic Load Balancer (ELB) and Docker Container.
* Experienced in developing front end applications using HTML4/5, XHTML, DHTML, CSS3
* Knowledge of web debugging tools (Firebug debugging tool) and used integration Testing frameworks and libraries like Jasmine and Karma for Angular JS and Node.js.
* Design and develop applications on the OpenShift Container Platform
* Comprehensive knowledge of databases like MySQL, SQL Server, DB2, and Oracle, including writing triggers, stored procedures, and performing database normalization.
* Expertise in database modeling, administration, and development using SQL and PL/SQL in SQL Server environments.
* Exceptional troubleshooting and problem-solving skills with Client-Server Applications and Web Applications.
* Designed Use Case Models, Use Case Diagrams, Class Diagrams, and sequence diagrams.
* Proficient in using issue-tracking tools such as Quality Center and JIRA.

**TECHNICAL SKILLS**

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| Languages | Java (J2SE1.8/1.6/1.5, J2EE 6/5), SQL, PL/SQL, UML, C# |
| 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 |
| 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 Base | 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**

**Client: TD Bank, New Jersey**

**Role: Full Stack Java Developer Duration: Apr 2023 – Present**

**Responsibilities:**

* Involved in reviewing business requirements and functional designs for applications and participated in creating wireframes.
* Involved in Agile process, bi-weekly Sprints, and daily Scrums to discuss the development and achieve TDD (Test-driven development approach).
* Worked with Angular 11 Flex Layout provides a sophisticated layout API using Flexbox CSS and media Query. Developing single-page application by using a Covalent open-source framework, which is built on Angular 9, Angular-CLI,
* Implementation of the design wireframe using Angular and creating services and exposing it to the backend which runs on Spring Boot. Here we also have another layer that makes use of NodeJS mainly used for authentication, authorization, and session maintenance.
* Developed UI application initially using Angular and made use of customized components.
* Built with TDD Redux/React.js and ES6 frontend, node.js backend.
* Manage application containers using Docker and OpenShift
* Extensive experience developing applications using Java 11 and JDK 11
* Implemented Micro-Services based Cloud Architecture using Spring Boot.
* Working Experience in messaging platforms such as RabbitMQ, Kafka, and AWS SQS. Open Shift and Red Hat Rules Engine.
* Hands-on knowledge of integration of Tridion with different technologies such as Java, ASP.NET, HTML, and JavaScript
* Scala-based microservices may be automatically tested and deployed, and their smooth integration with current Java CI/CD pipelines is ensured.
* Proficient in using Core Java such as OOPs, Collections, Generics, Exception Handling, etc.
* Strong experience in using GIT version control systems such as GitHub, and Bitbucket.
* Developed AWS S3 to copy project artifact into S3 bucket.
* Experienced in using Java 8 streaming and lambda expressions for efficient data manipulation and processing.
* Used the functional programming features of Scala to produce clear, succinct, and manageable code.
* Experienced in using Java 8 and Java 11 frameworks such as Spring, JPA, Hibernate, and Struts.
* Manipulated data using CRUD operations of MongoDB database management system and handled database access using Node JS.
* Created sessions for Login users and setting sessions timed out for the entire UI application.
* Strong understanding of client-side applications and very good at attaining the architectural design for MVC using directives, promises, and pipes.
* Experience in Server infrastructure development on AWS Cloud, extensive usage of, Elastic Beanstalk, Dynamo DB, S3, Route53, SNS, and SQS.
* Ran Log aggregations, website Activity tracking and commit logs for distributed systems using Apache Kafka.
* Experience in working with Tridion Web Services and Tridion Core Service.
* Expertise in using Java 8 Date/Time API for managing date and time operations.
* Involved in the innovation of the current UI to make an implementation under mobile device access using cross-platform technologies such as Ionic which helps in improving the business.
* Involve in development, design and implementation of the front-end application using HTML5, CSS3, AJAX, Bootstrap.
* Developed RESTful Web Services with JAX-RS using Spring Boot and Micro Services Architecture.
* Experienced with SQL ORACLE, MongoDB, HTML/CSS, Java and JavaScript, JDBC, JNDI, JMS, Hibernate, XML, Unix/Linux, Maven, Git, SPA, Node.js, Postgres SQL, Talibs
* Deployed the application on Amazon Web Services (AWS) and used it to provide a large computing capacity for scalable solutions.
* Experienced in developing core Java applications using JDK 8 and JDK 11
* Experienced in APL tools like POSTMAN and Swagger.
* Made use of Reactive Forms using Angular where most of the validation is done using component rather than using template-driven which provides in HTML5.
* Mainly involved in deployment activities CI/CD deployment and familiar with OSE (OpenShift origin). Also made changes in Jenkins Files as per the requirement of the pipeline.
* Involved in web services design and development. Responsible for creating and consuming web services using REST and XML.
* Proficient in developing RESTful web services and microservices using Java 8.
* Implemented Java components using Spring MVC, Spring IOC, Spring transactions, and Spring security modules.
* Demonstrated ability to create and maintain Java 11 unit tests
* Used Angular 11 and Confidential Covalent UI as a framework to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with the server.
* Involved in implementing the complete Application in the in-build MVC Architecture with Angular 8.
* Developed Angular 9 material responsive web application pages using Angular 9 -Material services, controllers, and directives for front-end UI and consumed RESTful web service API.
* Developed CSS Style for a web page using SCSS Structure and also implemented routing and SPA application using Angular 8.
* Configure backup, alerts, repairs, and monitoring of Cassandra clusters using OpsCenter.
* Administered, monitored, and maintained multi-data-center Cassandra cluster using OpsCenter and Nagios in production.
* Analyzing Camunda metrics and modifying configurations resulted in improved process flows and performance.
* Used MongoDB internal tools like Mongo Compass, Mongo Atlas Manager & Ops Manager, Cloud Manager, etc.
* J2EE applications were integrated with databases utilizing JDBC and ORM frameworks such as Hibernate to ensure efficient data management.
* Worked on MongoDB database concepts such as locking, transactions, indexes, sharding, replication, and schema design.
* Utilized MT/MX messages to establish a highly efficient and secure system for transmitting critical financial information between our institution and other financial entities.

**Environment**: Java 11, JDK 8 and JDK 11, java 8, AWS, GIT, GitHub, Bitbucket, Open shift, JavaScript, HTML5, CSS3-LESS, AJAX, Bootstrap, jQuery, Spring Security, Rabbit MQ, Node JScript, Express JS, HTML5, Bootstrap, Site Minder, Hibernate, OIDC, Jenkins, Log4j, MongoDB, Mongoose Connector, Oracle, JBoss, Elastic search, EBS, Elastic Load Balancer, Docker, Apache tomcat, Mockito, Junit, mock MVC, Kubernetes HTML 5, CSS 3, JavaScript, Angular 11/9/8, 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.

**Client: Global Edge, India**

**Role: Full Stack Java Engineer Duration: Sep 2019 – Jun 2022**

**Responsibilities:**

* Designing and programming system-level software, especially for microservices-based APIs and API endpoint implementation.
* Cloud native frameworks (specifically pivotal technologies), database systems, and relevant programming languages.
* Implemented Router Module of Angular 7 to make the whole project a single-page application and add routers according to the requirements.
* Worked on some of the new features of Angular 7 like new if else syntax, ng-templates, form validators, routers, etc.
* Used Mongo DB in backend to persistent data into database and written SQL/Mongo queries to access/update the data from/ to the database.
* Designed and developed user interfaces using Spring MVC Framework, Spring Boot, Hibernate, JSP, HTML5, CSS3, JavaScript, Angular JS, and React JS.
* Experienced with spring framework applications like Spring Core, Spring AOP, Spring MVC, Spring Batch, Spring Security, and Spring Boot and did integration to Microservices into the existing system architecture.
* Using REST APIs with JAX-RS to consume Web Services, to handle two interfaces, XML and JSON.
* Responsible for creating web-based applications using Node.js, and Redux workflow.
* Knowledge of the Java 11 garbage collection algorithms and performance tuning
* Writing Technical design document with the class, sequence, and activity diagrams in each use case.
* Implemented User Interface and integrated with backend code, Node JS as server-side technology.
* Collected and Analyzed data using Hadoop big data analytic tools Kafka, Spark Stream, including Azure Storage tools, Spring Boot
* Familiarity with Tridion content delivery web services.
* RESTful and SOAP-based web services were created in a J2EE environment to improve communication across dispersed systems.
* Used AWS Beanstalk for deploying and scaling web applications and services developed with Java.
* Used GitHub and Gitlab, private and public repos for version controls, and JIRA for defect tracking.
* Worked with Docker containers, running/managing containers, containers snapshots and managing image.
* Develop custom automation solutions to improve the OpenShift experience
* Designed, built, and deployed a multitude of applications utilizing almost all of the AWS stack (Including EC2, S3, Dynamo DB, SQS, and EMR), focusing on high availability, fault tolerance, and auto-scaling.
* Used ES6 and JSX with React for component development. Used Babel to compile JSX and Es6 into JavaScript.
* Skilled in developing distributed applications using the concepts of containerization (Docker) and orchestration (Kubernetes).
* Designed and developed Micro Services business components using Spring Boot.
* Expertise in developing web-based applications using Java 8 web technologies such as JSF, JSP, and Servlets.
* Expert in Core Java with strong understanding of Garbage Collector, Collections Framework, Exception Handling Multithreading, Event handling, JDBC, JMS and Generics.
* Excellent work experience with Version Control Tools such as VSS, SVN and GitHub.
* Experienced in developing RESTful web services using Spring Boot and JPA.
* Worked in building the proof of concept for redesign of the collection agent portal to micro services ,Spring boot and Angular.
* Designed and developed the rest services for the auto trigger of the emails notifications from EC application.
* Good understanding of Tridion publishing process and Tridion workflows.
* Build Kafka/RabbitMQ in AWS and implemented Producer Web services to process the messages to/from Queue.
* Hands on experience with Apache Spark using Scala.
* Custom Java delegates and service tasks were created within Camunda to perform business logic.
* Collaborated on responsive front-end development using React, Node.JS, JavaScript and coffee script with DevOps development principles.
* Integrated Open stack API with Amazon EC2 cloud-based architecture in AWS.
* Hands-on experience with developing RESTful web services
* Expertise in developing applications using Spring Boot and its related technologies
* Monitor application performance and availability using OpenShift tools
* Experience in developing Microservices using Spring-Boot.
* Integrated Open stack API with Amazon EC2 cloud-based architecture in AWS.
* Responsible for Continuous Integration (CI) and Continuous Delivery (CD) process implementation using Jenkins along with UNIX Shell scripts to automate routine jobs.
* Proficient in writing unit and integration tests for microservices.
* Ability to debug and troubleshoot code written in Java 8 and Java 11
* Wrote Oracle Stored Procedures for data and integration with Java.
* Knew Kibana and Elastic search to identify the Kafka message failure scenarios.
* Extensive experience in deploying, managing, and developing MongoDB clusters.
* Experience in creating JavaScript for using DML operation with MongoDB.
* Built Cassandra Cluster on both the physical machines and on AWS
* Designed and developed the REST-based Microservices using the Spring Boot.
* Created RFP Micro service to provide RESTful API utilizing Spring Boot with Microservices.
* Working Knowledge in EC2 by creating snapshots, volumes, and security groups for public and private instances.
* GIT used for defects, and change tracking across the application.

**Environment**: Java.8, Open shift, J2EE, HTML5, CSS3, jQuery, Ajax, React, Rest API, Bootstrap, JavaScript, AngularJS, JSP, NodeJS, Hibernate, Spring Framework, Spring MVC, Spring IOC, Spring boot, spring security, spring Eureka, OAuth, JAX-RS, GIT, JUnit, Maven, Restful, Big Data Amazon Web Services (AWS), Micro Services, Mongo DB, WebSphere, JIRA, Jenkins, Spring Tool Suite, DevOps (CICD).SOAP, XML, Angular 7/6, Spring, Spring Boot, Spring MVC, Docker, Confluence, Git, Jenkins, Kubernetes, Maven, Kafka, JBoss, Apache Tomcat, ActiveMQ, Splunk, POSTMAN.

**Client: Minvesta Infotech LTD, India**

**Role: Java Software Developer Duration: June 2017 – Aug 2019**

**Responsibilities:**

* Involved in the Software Development Life Cycle (SDLC), Requirements gathering, Design, Code, Integration, and Deployment and production phases.
* Built Restful web services using Node JS and Express JS and used a full complement of Express.
* Created Typescript reusable components and services to consume REST APIs using Component-based architecture provided by Angular 7/6.
* Created and consumed RESTful API using Express.js to provide centralized logic and reusable data retrieval built on top of Node.js.
* Hands-on experience in developing and deploying microservices using Java, Spring Boot, RESTful web services, and Spring Cloud.
* Involved in gathering and analyzing business requirements and converting them into technical specifications.
* Utilized Amazon Web Services (AWS) EC2 to deploy Docker containers.
* Knowledge of version control systems such as Git and SVN
* Familiarity with Java 11 development tools such as Eclipse and IntelliJ
* Experienced in using Java 8 frameworks such as Spring, Hibernate, and Struts.
* Designed and implemented the antifactory download of the software to the client system directly from the repository to the client system using the Curl.
* Implemented various restful services for the customer to check the status of the software.
* Developed various reusable Helper and Utility classes, which are used across all the modules of the application
* Implemented Hibernates’ Lazy default fetch plan for generating proxies and collection wrappers and created fetching strategies for minimizing the number of SQL statements.
* Proficient in using Java 8 development tools such as Maven and Ant.
* Experienced in developing applications using Object-Oriented Programming (OOP) techniques.
* Experienced in using build automation tools such as Maven and Jenkins.
* Extensively worked on integrating microservices with external services like RabbitMQ, Apache Kafka, and MongoDB.
* Closely worked with the Kafka Admin team to set up Kafka cluster setup on the QA and Production environments.
* Used Scala's compatibility with Java to migrate legacy Java codebases, ensuring seamless transfer and backward compatibility.
* Developed, and implemented unit test cases and integration test cases using chai and mocha.
* Use Selenium for creating the web-based test automation suite and perform functional testing.
* We hosted all our microservices in AWS cloud infrastructure using Jenkins CI/CD pipelines.
* Collaborated with cross-functional teams to gather requirements and create J2EE-based solutions that met business objectives.
* Used Pivotal Cloud Foundry to quickly build, deploy and update the applications and managed Pivotal Cloud Foundry-based platform built on Kubernetes programming with deployment manager and containerized using 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, Git, Pivotal Cloud Foundry, Selenium.

**Client: Zensar Technologies, Pune, India**

**Role: Software Developer Duration: Jan 2015—May 2017**

**Responsibilities:**

* Designed and Developed UI for Customer Service Modules and Reports using Angular1.5, 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.
* Experience in creating Tables, Indexes, Constraints, Users Defined Functions, Views, Stored Procedures, Triggers and complex SQL statements.
* 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 describing 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.
* To speed up development and enhance application maintainability, I used J2EE frameworks like Spring and Struts.
* 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, and 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, and Angular-UI, and was involved in configuring routing for various modules using an angular UI router.
* Involved in writing application-level code to interact with APIs, and Web Services using AJAX, JSON, and XML.
* Configured Oracle connection pool, which is included in the 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, Eclipse, Apache, Oracle ECM, Struts, Web service, SOAP, ILOG, AWS, ETL, Web, LDAP, Kafka, Apache Tomcat Server, SOA, PL/SQL, Oracle10g, UML, Web logic, Junit.