**SRINIVAS REDDY SINGAREDDY**

**FRONT-END JAVA DEVELOPER**

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| **PROFESSIONAL SUMMARY** |

* 10+ years of IT experience in application design, software development life cycle (SDLC), Agile methodologies, maintenance, and enhancement of web-based applications.
* Good working knowledge in Finance, Health, Banking, Telecom and Manufacturing Domains.
* Expertise in developing web - based applications using libraries and frameworks like Angular JS,Bootstrap, jQuery, Knockout.js, Node Js, Backbone.js, D3.js, React JS, and Require JS.
* Experience in developing Front-End and User Interface using Struts, JSP, JSF, JQuery, Ajax, RichFaces and myFaces, iceFaces JavaScript, HTML, DHTML and CSS.
* Proficient in building RESTful web services by implementing a Node.js server in the backend to handle requests originating from front-end jQuery AJAX calls.
* Experienced with AngularJS directives ng-app, ng-init, ng-model for initialization of AngularJS application data, implemented AngularJS Expressions, Directives, Controllers, filters and created AngularJS service layer.
* Experience in AngularJS, developing services, controllers, directives, Custom directives, ng routing, UI routing, Isolated scope, Filters, Digest cycle and performing AngularJS validations, Used Auto-mapper for Test cases used Jasmine Framework.
* Extensive GUI development experiences using Spring MVC, Struts 1.x, JSF, Struts2.x and strong knowledge of ESRI based mapping.
* Strong understanding of Unified Modeling Language (UML) concepts and have extensive experience in designing Use Cases, Class diagrams, Sequence diagrams, and Object Diagrams using tools such as Rational Rose and Microsoft Visio.
* Experience in designing UI patterns and UI applications with the help of Adobe products like Adobe Dreamweaver CS3, Adobe Photoshop, and Adobe Illustrator CSS3.
* Experience in Spring Security Framework for User Access Management, JWT token-based authentication, and involved OAuth 2.0 configuration for authentication and authorization.
* Applied JQuery scripts for basic animation and end user screen customization purposes.
* Extensive experience in developing web pages that adhere to the Web Content Accessibility Guidelines (WCAG 2.0) and proficiency in applying W3C web standards.
* Expertise on implementing Service Oriented Architecture (SOA) using XML Web Services, Handling SOAP Request and Responses, creating Web service clients, handling communication calls to methods and External Interfaces.
* Utilized Swagger for API documentation, ensuring a well-structured and user-friendly developer experience.
* Strong experience with EJB, Struts, Spring Boot, and Spring framework implementing modules: Spring MVC, Spring Boot, Spring IOC, Spring IO, Spring AOP, Spring Security, and Spring Data.
* Good Experience in debugging and troubleshooting the existing code using debugger tools like, Firebug, Chrome developer toolbar and able to identify problems in the initial stages and execute quick solutions.
* Good Knowledge of Amazon Web Services (Amazon EC2, Amazon S3, Amazon Simple DB, Amazon Elastic Load Balancing, Amazon SQS, Amazon EBS, and Amazon CloudFront).
* Experience writing SQL queries in PL/SQL, Triggers, and Stored Procedures in Relational Database management systems Oracle, MS SQL, MySQL, and DB2.
* Strong experience with Application Servers like IBM WebSphere, Oracle/BEA WebLogic, JBoss, and Tomcat.
* Unit tested web services using Junit, Mockito Easy mock, Spring Junit Runner, and Spock, Testing and achieving Test-Driven Development (TDD) goals.
* Hands-on experience with building Java projects using build tools like ANT, Maven, and Gradle, and integrating the project Bamboo, CI/CD, Jenkins, and Aws Code.
* Experience developing applications using MVC and MVVM client-side JavaScript frameworks such as Angular 8.0, and AngularJS to create dynamic web applications, Backbone. Ember.JS, Handlebar. JS.
* Excellent analytical, problem solving and interpersonal skills. Ability to learn new concepts fast. Consistent team player with excellent communication skills.

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| **TECHNICAL SKILLS** |

**Operating System:** Solaris, SuseLinux, Windows and Ms - Dos.

**Languages:** Java, C, C++, Python, PHP, AngularJS, ReactJS, NodeJS, COBOL.

**Methodology:** OOAD, Agile, SDLC and UML.

**J2EE Skills:** JDBC, Servlets, JSP, JSTL, RMI, EJB, JNDI, JAXP, JTA, JMS, Web Services

**Web Technologies/Services:** HTML, JavaScript, AJAX,CSS, XML, SOAP, REST, Axis, WSDL, UDDI, JQuery.

**Frameworks:** Struts Framework, JSF, SpringFramework.

**Cloud Platform**: AWS, Microsoft Azure

**Design Patterns:** MVC, DAO Pattern, Singleton Pattern, Front Controller, Factory Pattern.

**Database/Tools**: MySQL, Oracle, DB2, SqlServer, Hibernate, TOAD.

**Web/App Server**: Apache Tomcat, WebLogic, WebSphere, JBoss

**Messaging Services**: JMS, Active MQ, Rabbit MQ, IBM MQ, Apache Kafka

**IDE/Tools**: Eclipse, Net beans, WebLogic Workshop, ANT build script, Maven build script

**Version Control**: CVS, Star Team, Subversion, Git, Bit Bucket, Clear Case, VSS, MS Visio.

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| **PROFESSIONAL EXPERIENCE** |

**Senior Front-End Developer | Bank of America, Charlotte, NC | Jul 2022 – Present**

**Key Contributions:**

* Applications developed in Eclipse IDE with Java, Google Web Toolkit, Hibernate, CSS, JBoss, HTML& Oracle DB.
* Used JavaScript for developing UI Components like Editable drop down, data-driven menu customizations.
* Architected and implement REST API interfaces using JavaScript and Node.js.
* Experience in developing event driven applications using AJAX, JSON and XML.
* Expertise in web-based GUIs development using Applets, JSP, HTML5, CSS. Experience in development and implementation of Restful Web APIs, and exposes endpoints using HTTP verbs like GET, PUT, POST and DELETE.
* Experience in Single Page Application (SPA) using AngularJS created Multiple & Nested Views, Routing, Controllers, Services and Custom Directives.
* Highly experienced with modern JS frameworks and libraries like AngularJS and jQuery, Bootstrap.
* Reduced data redundancy by 20% through Hapi.js technology implementation, leading to cost savings and streamlined workflows.
* Created automation scripts to perform data updates, synchronization, and data transformation tasks within Microsoft 365 services using the Graph API.
* Implemented Microservices architecture with Netflix, Spring Eureka, and Spring Ribbon using Spring Boot to provide client-side load balancing in calls to other Microservices, making applications into smaller chunks and the Spring HISTROIC CIRCUIT breaker and for the fail-safe.
* Leveraged Python libraries such as Boto3 for AWS SDK integration. Set up continuous integration and continuous deployment pipelines using AWS Code Pipeline, Jenkins, or similar tools. Managed and optimized data storagesolutions with AWS S3, EBS, or EFS.
* Worked in using React components, Forms, Events, Keys, Router, Animations, and Flux concept.
* Developed applications using Velocity framework, JSP, JSTL, struts tag libraries (struts-bean, struts-html, struts-logic), CSS, spring framework, java, java script, Ajax, HTML and DHTML for front-end development.
* Implemented Presentation layer using JSP, Servlets, HTML5.
* Architect and design for new Application as J2EE Web application and Oracle ADF.
* Extensively used Oracle programming using SQL and PL/SQL.
* Developed DAO API to manage the payment information using JDBC.
* Excellent knowledge on Complete Cassandra architecture within detail understanding of read, write and delete processes.
* Expert in benchmarking and load testing.
* Used Web Services for transmission of large blocks of XML data between two interfaces. SOAP &REST.
* Maintained the business standards and the requirements in EJB and deployed them on to WebLogic Application Server.
* Administered bot Git and Subversion repositories for an enterprise code off. Led development team using J2EE creating web enabled invoicing system for multiple location service company in NetBeans environment using Git-Hub version control.
* Experience in creating test suites using JASMINE. Practiced relevant agile development methodologies and worked daily with subversion and current networking technologies.
* Designed and implemented the web application in Node.js, HTML from initial concept development to beta launch.
* Created tables, triggers, stored procedures, SQL queries, joins, integrity constraints and views for multiple databases, using MS SQL Server.
* Use of open-source technologies are used extensively to provide leading-edge solutions - Eclipse, Maven, REST, SOAP, RabbitMQ.
* Used Maven script for building and deploying the application.

**Environment**: HTML, CSS, XML, JavaScript, Angular.js, Angular 14, AJAX, React.JS, JSON, Dojo, Node.js, Backbone.js, Bootstrap, D3.js, Java, Oracle,, PL/SQL, MS-Sql, JDBC, Maven, Web Services, SOAP, REST, Ant, RAD, Agile, Scrum, CVS, Eclipse, Subversion (SVN), Windows XP, Linux

**Senior Front End Developer | AbbVie, Chicago, IL | Oct 2020 – Jun 2022**

**Key Contributions:**

* Developed an API service with Swagger documentation for a client, improving their API usability and developer onboarding process.
* Integrated Swagger with our API project, automating documentation generation and SDK creation for client convenience.
* Enhanced the API development process, reducing development time by 20% using Swagger's code generation capabilities.
* Developed multiple Angular 11.0 components that are compatible with the latest versions of typescript, angular 11 CLI.
* Experience in working with Graph QL queries and using the Apollo Library.
* Experience working with (consuming) REST or Graph QL APIs via client-side JavaScript or server-side via NodeJS.
* Experience using Hapi.js, a powerful and flexible Node.js framework for building web applications and services.
* Skilled in creating RESTful APIs using Hapi.js to provide scalable and robust backend services.
* Performed manual and regression testing using JIRA X-RAY tests, writing the scenarios.
* Kubernetes is configured in the application for automating deployment, scaling, and management of containerized applications.
* Worked with KAFKA Zookeeper to manage the cluster with broker/cluster technology.
* Configured JBOSS Application server and used Oracle database with Hibernate ORM framework and used the functionalities of Hibernates second-level Cache.
* Created dynamic schema design through NoSQL MongoDB by writing rich queries and achieved data in collection to be distributed across multiple systems for horizontal scalability as data volumes increase through Sharding.
* Implemented Spring Circuit breaker pattern, and integrated Hysteric dashboard to monitor Spring microservices.
* Responsible for migrating existing modules in IBM MQ to Apache Kafka and creating Kafka adaptors for decoupling the application dependency.
* Used Spring AOP for solving crosscutting concerns like keeping logged data and transaction details etc.
* Used Spring Batch for processing large amounts of data like transaction management, job processing, resource management and logging.
* Secured the API by implementing the Oauth2 token-based authentication/authorization scheme using Spring security.
* Experience in building isomorphic applications using React.js and Redux with Graph QL on the server side.
* Experience in Java 11 features like Parallel Streams, Lambdas, functional interfaces, and filters.
* Used Cassandra for storing internal statements and reports and worked extensively in Development which includes updating and retrieving data internally from the back-end Cassandra.
* Write Kusto (KQL) and Cosmos Queries (SCOPE) and publish the data into Kafka.
* Designed and implemented microservices architecture using Spring Cloud or Jakarta EE Micro Profile for modular and scalable backend systems.
* Implemented authentication and authorization mechanisms, including OAuth, JWT, and Spring Security, to secure Java backend APIs.
* Implemented Java11 features like Lambda expressions, Streams, filters, pipelines, Optional Interfaces, etc.
* Developed the single-page application following Agile Scrum, participated in daily standups, sprint reviews, and Kickoffs, and used Jira for project management.
* Used Hapi.js in conjunction with other libraries or frameworks (e.g., Socket.io) to build real-time applications.
* Designed and implemented cloud-native solutions on Microsoft Azure, leveraging various services such as Azure App Service, Azure Functions, and Azure SQL Database.
* Used Continuous Delivery / Continuous Integration (CD/CI) tools Docker, and Jenkins to deploy this application to Azure along with GIT for Version Control of code for incremental development.
* Conducted Azure architecture design and planning, ensuring scalability, security, and cost optimization for cloud-based applications.
* Utilized Azure Resource Manager (ARM) templates for infrastructure as code, ensuring consistency and repeatability of deployments.
* Programmed J2EE application to manage transaction reports for Oracle Financials Application Processes.
* Authenticating Users to provide security to Restful web services using OAUTH2.0.
* Worked on UI testing with Karma, Jasmine, Protractor for Angular, Mocha, and Chai for React JS and Backbone JS.
* Experience in AWS Services Demonstrated expertise in configuring, deploying, and managing various AWS services, including EC2, S3, RDS, Lambda, VPC, CloudFormation, IAM, and more.

**Environment:** Java, Angular 11.0, AngularJS, J2EE, Git, Spring Boot, Hibernate, Core Java, Rest, Web Services, CSS, Eclipse RCP SASS, WSDL, JIRA, JMS, PostgreSQL, AWS, Spring Cloud, Spring batch, PCF, Apache JMeter, jQuery, JUnit, Docker, Maven, Jenkins.

**Front End Developer | Verizon, Irving, TX | Apr 2019 – Sep 2020**

**Key Contributions:**

* Responsible for creating efficient design and developing User Interaction screens using HTML5, CSS3, JavaScript, AngularJS, NodeJS, jQuery AJAX and JSON.
* Proficient in building Web User Interface (UI) that follows W3C.
* Transformed design mock-ups into cross-browser compatible HTML/CSS layouts and implemented dynamic Elements and reusable libraries with JavaScript, jQuery and AngularJS.
* Developed dynamic responsive Web Application by integrating AngularJS with Bootstrap which is further integrated with Web Services.
* Worked on AngularJS features like Two Way Binding, Custom Directives, Controllers, Filters, Services and Project Architecture, ReactJS features like Components, Lifecycle methods, unidirectional data flow using the Flux Architecture.
* Involved in Agile STAND-UP meetings throughout the project with team members on day-to-day basis for the update on project status using JIRA and HP ALM.
* Used React-Router to turn application into Single Page Application.
* Configured Log4j for adding the debugging information in the code base.
* Hands-on experience in using message brokers such as ActiveMQ and RabbitMQ.
* Use Amazon Cloud Watch to monitor AWS web services & Amazon Cloud Watch logs to monitor the application.
* Software is built as a web app on Node.js with Backbone.js. CSS is compiled with LESS and HTML template engine is Jade.
* Design and development of many PL/SQL batches using JAVA with connectivity to Oracle for data maintenance and handling.
* Developed JSPs, Struts Actions and Action Forms, Tiles layouts and DB2 SQLs.
* Used JPA with Entity Beans for interacting with Persistence Layer for CRUD operations. Was involved in UI development, and Developed presentation layer using JSP, HTML5, DHTML, CSS, AJAX, JavaScript, JSTL Taglibs.
* As a Senior Programmer involved in design phase and assisting the team to develop admin UI services like manage users, roles, messages, etc., using Spring MVC and Acegi security.
* Technology leadership for the direction of the Cloud based application using Node.JS, PDFJS, Sencha, MongoDB and MS SQL Server integrating to a proprietary framework.
* Developed Ruby on Rails 3 web applications using MongoDB and back-ground processes using Resque and Redis.
* The modified application is deployed on websphere using ANT and javascripts for use by interface project.

**Environment:** Angular11, AngularJS, HTML5, CSS3, Redis, Express JS, jQuery, JavaScript, Node JS, Bootstrap, REST API, Load Balancer, Mongoose Connector, Mongo DB, REST administrations, Docker, Mocha, Jasmine, Karma, Gulp, SSO Authentication, Webpack, Kubernetes, Selenium, Maven, and Jenkins. GIT, Jenkins, AWS Services, Elastic Cloud Compute (EC2).

**Front End Developer |** **Panasonic Avionics Corporation, Lake Forest, CA | Sep 2017 – Mar 2019**

**Key Contributions:**

* Actively involved with the team, management & client as a part of Agile (SCRUM) software development
* Implemented Spring framework for Dependency Injection, support for the Data Access Object (DAO) pattern and integrated with Hibernate.
* Coded various business process methods required for creation of Web Services related to customer information and provider information, using JAX-WS, SOAP, WSDL and JAX-RS, REST web services.
* Utilized Apache CXF APIs to develop SOAP as well as RESTful web services.
* Developed application code using Eclipse-Galaxo IDE and configured with Maven and JBoss.
* Extensively used IBM Websphere Portal APIs for authentication and personalization features.
* Developed responsive single page application using AngularJS framework, Java Script, and JQuery in conjunction with HTML5, CSS3 standards, with front-end UI team.
* Designed SPA (Single page applications) in Flux architecture using React.js.
* Created new interfaces using java, maven/ant, spring mvc / struts, or hibernate based on provided requirements XSD/DDF’s.
* Used JSON for data exchange between application modules along with XML.
* Developed Java and EJB in Mainframe DB2 environment.
* Used Ant for developing build scripts and deploying the application onto WebLogic.
* Migrated data from legacy system (text based files, Excel spreadsheets, and Access) to SQL Server databases using SQL Server Integration Services (SSIS).
* Developed additional UI Components using JSF and implemented an asynchronous, AJAX (JQuery) based rich client to improve customer experience.
* Developed Servlets and JSPs based on MVC pattern using Struts framework and Spring Framework.
* Integrated EMC Documentum with Content Management Interoperability Services (CMIS) for Content Management.
* Primary UI developer for Google Web Toolkit (GWT)-based VDI-in-a-Box management console.
* Co-developed a new tool on the Express nodeJS/backBone.js MVC platform that allows marketers to insert dynamic content in email sends based on location and temporal factors.

**Environment:** Java/J2EE, Spring 3.x, Hibernate, Connectors, Transformations, JSP, Servlets, HTML, JavaScript, Spring AOP, XML, XSD, XSLT, CSS, JPA, JUnit, jQuery, Apache CXF, RAD, Oracle, PL/SQL, SQL developer, WebSphere Application Server 8.1, Maven, Log4j, Unix, Microsoft Visio, Quality Center, JIRA Tracking tool.

**Front End Developer |** **Golden Living Canters, Canton, MA | Dec 2015 – Aug 2017**

**Key Contributions:**

* Involvement in all stages of Software development life cycle including Analysis, development, Implementation, testing and support.
* Used jQuery extensively for event handling, DOM manipulation and cross-browser compatibility. Involved in development of User Interface using HTML/HTML5, CSS/CSS3, JavaScript, and jQuery, AJAX, JSON.
* Created package.json for Bower and NPM.
* Involved in writing application level code to interact with APIs, Web Services using AJAX, JSON and XML. Created reusable templates and style sheets based on UI standards and guidelines; Performed functional tasks using specifications and wireframes.
* Handled browser compatibility issues in HTML, CSS and JavaScript for IE, Firefox and Chrome browsers.
* Developed the UI with extensive use of JavaScript, JSON and Ajax.
* Involved with bug fixing on functionality, performance and designing issues with JavaScript and jQuery.
* Designed user interface for portal for admin and users to interact with system using JSON, JavaScript, HTML5 and CSS3.
* Coordinated with Interface Design Architects for meeting accessibility standards at code level.
* Highly involved in making updates to the current website and simultaneously handling other projects.
* Worked on creating responsive website for smart devices using Responsive design and media queries.
* Produced content pages with CSS3 layout and style markup presentations and also used JavaScript methods and properties.
* Used AJAX extensively to implement front end /user interface features in the application.
* Ensured site design integrity and quality control consistency throughout the project's lifecycle.
* Updated the website from time to time for special Requirements.
* Responsible for quality assurance of finished websites including the validation of web forms and links.

**Environment**: HTML, CSS, JavaScript, jQuery, AJAX, JSON, Responsive design, Grunt, Bower, NPM, Apache Tomcat.

**UI Developer |** **GDIT, Rensselaer, NY | Oct 2013 – Nov 2015**

**Key Contributions:**

* Involved in Requirements analysis, design, and development and testing.
* Designed UI using HTML, DHTML, Java Script, CSS, JSP and Tag Libs.
* Used Java script for client-side validations.
* Developed SQL queries to store and retrieve data from database & used PL/SQL.
* Used Struts framework to maintain MVC and created action forms, action mappings, DAOs, application properties for Internationalization etc.
* Used Struts Validation framework to do business validation from server side.
* Involved in developing business components using EJB Session Beans and persistence using EJB Entity beans.
* Used JMS for Asynchronous messaging and developed the application using Eclipse IDE.
* Involved in fixing defects & tracked them using QC& Provided support and maintenance and customization.
* Developing customized reports and Unit Testing using JUnit.
* Involved in running PMD defects & Find bugs.
* Involved in fixing IST, QA, UAT & Production defects.
* Developed authentication and authorization mechanisms.
* Used prepared statements and callable statements to implement batch insertions and access stored procedures.
* Involved in bug fixing and for the new enhancements.
* Responsible for handling the production issues and provides immediate solution.

**Environment**: Core Java, J2EE, JSP, JBoss, Oracle, Eclipse, EJB-Session Beans, Entity Beans, JMS, XML, HTML, Java Script, CSS, AJAX, SVN, Struts, XML, QC.