SRINIVAS H

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PROFESSIONAL SUMMARY

- Around **8+ years** of experience as **Sr UI and Java Developer** in design, development, implementation and maintenance of web and distributed Enterprises applications using **Java/J2EE** and **UI** technologies.
- Proficient in developing front-end systems with **JavaScript**, **Typescript**, **Bootstrap**, **HTML**, **SCSS** and **JavaScript frameworks** such as **Angular 18, Angular 15, NodeJS, ReactJS**.
- Proficient in writing front end test cases using **Karma, Jasmine** and **Jest** and integration tests using **Cypress**.
- Implemented **Page Object Model (POM)** design pattern in **Playwright** to create reusable and maintainable test automation frameworks.
- Expertise in the implementation of **Core Java** concepts of **Java, J2EE Technologies**: **JSP, Servlets**, **JMS, Spring, Hibernate, Java Beans, JDBC, XML, Web Services, Data structures**.
- Used the best practices of **SDLC** as well as **Agile/Scrum, Waterfall, TDD** methodologies.
- Expertise in creating user validation forms with **Reactive Forms** and sending data using RESTful API services utilizing **Observables** and advances **RxJS** operators.
- Experience in Angular framework using **Dependency Injection**, **Observables**, **Services**, **Pipes** and **Directives**.
- Experience in Angular network performance concepts like **Lazy Loading** of resources, AoT compilation, compression, and caching.
- Experienced in working with **React**, with state management using redux architecture.
- Working with React Router for developing Single Page Applications SPAs.
- Developed **reusable components** with Angular custom directives and typescript features.
- Used Dependency Injection from Angular factory and services. Implemented **Content Security Policy (CSP)** headers and validations to enhance front-end application security. Integrated **JWT-based authentication and authorization** using Angular interceptors and guards for secured API communication.
- Proficient in developing **responsive web pages** RWD using Bootstrap, CSS3 Media Queries.
- Extensive experience in various UI widgets using JavaScript libraries (jQuery) and developing Rich Internet Applications RIA. Used routing schemes to develop single page applications (SPAs) using Angular.
- Proficient in **Spring** frameworks like **Spring IOC**, **Spring ORM**, **Spring AOP**, **Spring Security**, **Spring MVC**.
- Experience in **Hibernate** and in using **Hibernate Connection Pooling, HQL, Collections, Hibernate Caching.**
- Deep understanding of **Spring Security** implementation for authentication, authorization, and OAuth2 / JWT token-based security. Experience in implementing **SOA** and web services such as **SOAP** and **REST** using **WSDL**, **JAX-WS** and **JAX-RS**.
- Developed applications using latest technologies like **Spring 6.x/Boot**, **Hibernate 7.x** and **REST based Web Services Rules Engines**, **XML API and Tools**.
- Extensive experience with **Exception Handling**, **Multithreading**, **Synchronization**, **Serialization**, **IO**, **Collections**.
- Proficient in deployment using **Docker, Kubernetes** and configuration management with **Chef, Ansible Puppet.**
- Orchestrated the deployment and management of Kubernetes clusters on Amazon **EKS**, leveraging containerized applications for enhanced scalability and reliability.
- Extensive Knowledge of Java Message Service (**JMS**) MQ's like **Apache Kafka**, **IBM MQ** and **Active MQ**.
- Experience in developing and utilizing **JAR, WAR, EAR** files with building tools like **Maven, ANT**, **Gradle.**
- Expertise in using version control tools like **Rational Clear Case**, **CVS and Git** for version controlling.
- Experienced in performing unit testing using **Selenium WebDriver**, **JUnit**.

TECHNICAL SKILLS

Languages/API	C, C++, Java JDK 1.5/1.8, SQL, PL/SQL
Java/J2EE Technologies	Servlets, JSP, JSTL, JDBC, JMS, JNDI, Multi-threading.
Application/Web Servers	Apache Tomcat 7.x/8.x, BEA WebLogic 11.x/12.x, IBM WebSphere, JBoss 6.x/7.x
Web Technologies	HTML, CSS, JavaScript, jQuery, JSON, AJAX, XML, Angular 7/15,18, React
Spring Frameworks	Spring IOC, Spring Batch, Spring Boot, Spring Security
Database Servers	Oracle 10g/11g, DB2, MongoDB, SQL Server, PostgreSQL, MS Access, Cassandra
IDEs	Eclipse, NetBeans, IntelliJ, Spring Tool Suite 2.x/3.x
Web Services	RESTful, SOAP, JAX-WS, JAX-RS, WSDL, Apache CXF
Version Control Tools	GIT, CVS, SVN
Build Tools	ANT, Maven, Gradle
Testing	JUnit, Selenium, Jenkins, SoapUI, Postman, JUnit, Mockito, Jasmine, Karma, Selenium, TestNG,
Cloud Environment	AWS, Eureka, Kubernetes, Azure Cloud

PROFESSIONAL EXPERIENCE

J B Hunt Transport – Sr Java & Angular Developer – Jacksonville, FL   **Dec 2022 – Till Date**

Description: Developed Customer Request Service application that allows service agents to view orders and perform scheduling on the requests. Built scalable **Java microservices** and developed a **micro frontend application** for the UI modules using **Angular Web Components**.

Responsibilities:

- Developed User Interface (UI) Layer for the application using **HTML5**, **SCSS**, **JavaScript, Angular 18.**
- Participate in the complete software development lifecycle of analysis, design, development and test reports.
- Perform architecture review by reviewing the design documents, Code review, performance tuning the code to improve the efficiency of code run time.
- Developed **reusable components and templates** using **Typescript** and built custom angular web components.
- Handled test case coverage using **Karma, Jasmine** and end to end testing using **cypress.**
- Implemented maps in the application using **Angular Google Maps** that helps users to locate stores across the network. Developed modern UI components using Angular Material and Prime NG component libraries.
- Added / modified Angular components, services, directives, and modules to existing code base.
- Used **NgRx** Store for state management in the application. Implemented and validated Content Security Policies to prevent cross-site scripting (XSS) and data injection attacks
- Validating user actions on the client side and providing responsive feedback by using Angular Template Drive and **Reactive Forms**. Hands-on experience implementing reactive programming concepts using RxJS operators, Observables, and Subjects.
- Consumed REST API (GET, PUT, POST) Web Service by using HTTP Client and **Observables**.
- Involved in consuming, producing **Restful web services/RESTful APIs** .
- Extensive experience in **Responsive Web Design** using media queries and **Prime NG**.
- Created Responsive Web Application using Media Queries, JavaScript, and Node.js.
- Experience working in **Agile** development following **SCRUM** process, Sprint and daily stand-up meetings.
- Developed and deployed **RESTful APIs** using **Flask** to support Angular/TypeScript front-end applications.
- Utilized **Flask-RESTful / Flask-CORS** for structured API design and secure cross-origin integration with frontend.

- Supported production deployments and handled defects. Troubleshot and resolved bugs, errors, and performance issues in a timely manner.
- Design and develop scalable **Spring Boot-** microservices using **Java 17**. Develop applications using J2EE design patterns like **Singleton Design Pattern, DAO and DTO**.
- Applied **Java Stream API** and functional programming concepts for efficient data processing and transformation.
- Designed and developed asynchronous and reactive services using **CompletableFuture** and Spring **WebFlux** to enhance application responsiveness.
- Designed and configured **Spring configuration** using **Spring Cloud** Config, profiles, and property encryption for environment-specific behavior.
- Used **Spring Actuator** to expose health, metrics, and custom monitoring endpoints for microservices.
- Employed caching strategies using **Spring Cache** and **Redis** to optimize data retrieval and improve application performance.
- Used **Hibernate ORM** to map Java entities to DB2 relational tables, including complex relationships.
- Wrote optimized DB2 SQL queries, stored procedures, and indexing strategies to improve data access speed and performance.
- Handled pagination, sorting, and filtering at the ORM layer using **Hibernate Criteria** and JPA Specifications.
- Containerized applications using **Docker**, enabling platform-independence builds and smooth CI/CD integrations.
- Deployed services on **Kubernetes clusters**, managing configurations, secrets, and horizontal scaling policies.
- Monitored application performance and logs using **Dynatrace**, alerting and tracing for production health checks.
- Used **Grafana** dashboards (backed by Prometheus and **Loki**) to visualize metrics and logs for microservices.
- Worked with **GIT** as a version control tool in the project. Performed Unit testing using **Junit**.
- Developed **CI/CD** system with **Jenkins** on **Kubernetes** container environment, utilizing **Kubernetes** and **Docker** for runtime environment for the **CI/CD** system to build, test and deploy.

Environment: Agile/Scrum Methodology, HTML5, SCSS, Angular 18, Angular Material, Lambda expressions, Java, Stream API, Flask, RESTful, Spring Boot, REST, AWS, GIT, Jenkins.

CSX Technology – Full stack Developer– Jacksonville, FL   **Oct 2018- Dec 2022**

Description: CSX Corporation is an American holding company focused on rail transportation and real estate in North America, among other industries. Developed ATAM-Automated Track Authority and Messaging application that allows Track foreman to request Train track time to perform Track repairs. Developed Engineering work order system application web application that allows managers to create work orders for tracks and rails. This application allows both managers and workers to create, update and view work orders.

Responsibilities:

- Involved in analyzing, designing, proposing, and delivering solutions aligned with business and technology strategies.
- Conduct architecture reviews by evaluating design documents, performing code reviews, and optimizing code for improved runtime efficiency.
- Developed User Interface (UI) Layer for the application using **HTML5**, **SCSS**, **JavaScript, Angular 11.**
- Developed Angular directives, factories, and services to build single-page web applications.
- Handled test case coverage using **Karma, Jasmine** and **Jest**.
- Utilized Bootstrap UI Controls to assist in implementation of GUI per client specifications.
- Consumed REST API Web Service by using HTTP Client and **Observables**.

- Developed Responsive Web Application for mobiles using Media Queries, JavaScript, and Node.js.
- Followed the strict patterns of implementing Model-View-View-Model (MVVM) architecture using Angular Framework.
- Experienced in Agile development, adhering to the SCRUM framework, including sprints and daily stand-up meetings.
- Designed and developed scalable microservices using Java 8, implementing J2EE design patterns such as Singleton.
- Implement Logger framework to capture events in the application log to provide necessary information for troubleshooting during production.
- Provide remediation of bad performing queries in the production environment and implementing the same in production.
- Deployed Applications on **JBOSS** Application Server.
- Utilized GIT as the version control tool for the project and conducted unit testing with JUnit.
- Used **Selenium WebDriver** for writing test scripts for regression test coverage.
- Used **Bitbucket** repository for version control and implemented a Continuous Delivery pipeline with Jenkins.
- Defined unit test cases using **JUnit** and **Mockito** based on the technical design/functional design in a way that is comprehensive and verifies accuracy of developed features.
- Followed Agile Practices Grooming, planning, code, code reviews, retrospectives, and CI/CD.

Environment: Agile/Scrum Methodology, Java and J2EEdesign patterns, HTML5, CSS3, Angular 11, Lambda expressions, Stream API, RESTful, Spring Boot, REST, AWS, GIT, Jenkins.

Ally Financial – Angular Developer-Charlotte, NC   **Nov 2017-Sep 2018**

Description: Financial planner helps the financial advisors for advising customers on Retirement, Insurance, Education, Tax, Estate and Mortgage planning. We give the monetary benefits at each period and projection till the end of period. We also help the customers to apply online for insurance claims and online purchase of insurance plans. Online payment system for insurance premiums and Retirement plans integrated with the system. The system has the facility to give insurance and investment plans based on the information provided by the customer**.**

Responsibilities:
- Followed **Java and J2EE design patterns** and the coding guidelines to design and develop the application.
- Developed User Interface (UI) Layer for the application using **HTML5**, **CSS3**, **JavaScript, Angular** and **Bootstrap.**
- Followed the strict patterns of implementing Model-View-Controller (**MVC**) architecture using **Angular Framework**.
- Used **Spring Framework AOP Module** to implement **logging** in the application to know the application status. Used **Spring DAO Module** to deal with Database.
- Implemented **Spring Circuit Breaker** pattern, integrated **Hystrix dashboard** to monitor **Spring Microservices.**
- Used **Spring Ribbon** to check servers' status in a live environment and detect those servers that are down.
- Implemented **Hibernate Template** to great extent making use of **HQL**, **Named Parameters**, **Named Queries** and **Interfaces** such as **Expression**, **Query** and **Criteria**.
- Developed **Microservices** with **Spring Eureka** to retrieve API routes for the entire cluster. Using the strategy, each Microservice in a cluster can be load balanced and exposed through one API gateway.
- Designing and implementing scalable, **RESTful** and **Microservices** based mobile back-end. The backend is being written in **Java** using **Spring Boot** for simplicity and scalability.

- Implementing or exposing the **Microservice** architecture with **Spring Boot** based services interacting through a combination of **REST** and **Apache Kafka** message brokers.
- Used **Apache Kafka** to stream data pipelines to get data between systems or applications.
- Implementing **PL/SQL** queries and used **Oracle** stored procedures and functions to retrieve and update data.
- Expertise in designing **Java, J2EE** applications using **Amazon Web Services** and **AWS Elastic Compute Cloud EC2.**
- Configure JDBC connections, security settings for WebSphere Application Server.
- Participate in sprint retrospective, sprint review, backlog grooming agile ceremonies along with the team for performance enhancement.

Environment: Agile/Scrum Methodology, Java and J2EEdesign patterns, HTML5, CSS3, Bootstrap, Angular, Lambda expressions, Spring, REST, AWS, EC2, AWS Lambda, Docker, GIT, Selenium WebDriver, WebSphere.