

TejaSri Kotipalli

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PROFESSIONAL SUMMARY

- Over 9+ years of experience in designing, developing, and testing the software applications of User Interface framework in various domains.
- Proficiency in frontend technologies like Angular and React.js and backend development with Java (Spring Boot, Hibernate).
- Worked productively on Java8 and 11 latest features such as functional interfaces, lambda expressions, default methods, optional class, Java time API, and method references.
- Expertise in Web-Development technologies for User Interface Development like HTML (4/5), CSS (2/3), JavaScript, Typescript, Angular (2/4/5), Node.js, React JS, jQuery, AJAX, XML, Bootstrap, JSON.
- Experience in Developing User Interface (UI) Rich Web Applications, and Web Service Applications using Front End/User Interface (UI) Technologies like Object Oriented JavaScript, Type Script, Angular 2.0, Angular 4, Angular JS, Node JS, Bootstrap, Media Queries, CSS Frameworks.
- Have a profound understanding of structural, behavioral, and creative design patterns including Singleton, Builder, Factory, Adapter, template, and facade design patterns.
- Having a thorough understanding of concepts like collections, multi-threading, data structures, exception handling, and algorithms as well bagged a lot of practical experience.
- Experience in deployment of Spring Boot with Autoconfiguration, starter POMs, actuator endpoints, embedded tomcat, etc. Able to create new projects using the spring Initializer website.
- Having excellent involvement in the Spring modules like Spring Boot, Spring Cloud, Spring MVC, Spring Bunch, Spring Security, Spring Data JPA, Spring Kafka, and Project Reactor.
- Strong working experience with the RESTful web services produced by Spring Boot Web Dependency and the capacity to describe them using Swagger API documentation. OAuth 2.0 integration with Spring Security was used to secure these APIs.
- Boned with the JSR 303 specification, to enforce validations on the incoming API request payloads and using a lot of validators like Not Blank, Future, Required, MinLength, MaxLength, etc.
- Great ability in creating Spring batch jobs. Ready to implement them utilizing command line and quartz scheduler. Ready to coordinate with the job repository and prepared to work with the item reader, item processors and item writers, and so forth.
- Great aptitude with Spring Security and capacity to set up authentication and authorization for the Spring boot-based applications. Coordinated with the OAuth 2.0 for getting JWT token.
- Used Kubernetes to orchestrate the services, deploy the microservices, and build them based on the key performance indicators.
- Reasonably familiar with DevOps tools like Jenkins, Gradle, Docker, and Kubernetes to ensure that microservices are combined and organized consistently. Exposure to DevOps practices, such as automating CI/CD pipelines using toolkits like GIT and AWS.
- Handled all the port mapping/binding things, configuring for automating deployment, scaling, and managing containerized applications using several Docker components like Docker Engine, and Swarm, creating Docker images and Docker Registry.
- Extensive knowledge of using SQL queries, PL/SQL stored procedures, functions, sequences, triggers, views, and packages, as well as databases like Oracle, IBM DB2, SQL Server, and NoSQL, to retrieve and alter data from the backend (MongoDB, Cassandra, Redis, and DynamoDB).
- IAM, MFA, EC2, S3, Route 53, DynamoDB, RDS, and Lambda are just a few of the cloud-specific AWS technologies that I have experience in real application.
- Have decent experience in third-party react libraries like Axios, Redux Thunk, Fetch API, Redux Sagas, and React Router.
- Experience with Relational databases like Oracle and Postgres. Able to set up a Flyway for schema management and versioning capabilities. With Spring Data JPA and the JPA repository, able to define native queries as well as named

queries to query the database. Utilizing the HikariCP connection pooling strategy, it is possible to establish a connection pool.

- Knowledge of setting up a logstash data pipeline for an Elasticsearch search engine.
- Extensive experience in testing applications with Selenium Web Driver, JUnit, Mockito, and Jmeter.
- Capable performing in a fast paced, result driven atmosphere self-motivated team player with excellent interpersonal and communicational skills.

Technical Skills

- **Programming Languages:** Java (8, 11), JavaScript.
- **Front End Technologies:** React, Angular.
- **API's:** Restful web services, Soap web services, Graph QL and Web Socket
- **Frameworks:** Spring Boot, Spring Data JPA, Spring Cloud, Spring WebFlux and Spring Security, Spring Kafka, Spring Batch and ExpressJS with NodeJS.
- **Containers:** Docker and Kubernetes
- **No SQL Databases:** MongoDB, Cassandra, AWS DynamoDB, Elastic Search and Redis
- **Security Scanning tools:** Check Marks, Fortify and Blackduck.
- **Cloud:** AWS (EC2, SQS, SNS, RDS, Cloud Watch, Route 53, Lambda, IAM, ECS, CDN and CloudFront), PCF/CF (Cloud Foundry).
- **Monitoring Tools:** Prometheus, Graffana, Alert Manager and Spring Micrometer (Micrometer).
- **Testing Tools:** JUnit 5, Mockito, Rest Assured, Jmeter, Selenium Web Driver and Spring Boot Integration Testing.
- **Relational Databases:** Postgres and Oracle with Flyway.
- **BPM tools:** JBPM and BPMN 2.0
- **Integration systems:** Apache Camel, Spring Batch, and Spring Integration.
- **Messaging Platforms:** Kafka, RabbitMQ and IBM MQ.

Experience

Client: Verizon, Dallas, TX

Apr 2020 – Present

Role: Sr. Java Full Stack Developer

Project Description: Worked on a financial disclosure report. prepared the reports for the mutual funds and Annuity projects. worked on the calculators as well. Migrated these from legacy java applications to the latest microservices technologies.

Responsibilities:

- Handled Analysis, Design and Development of the project.
- Involved in SDLC Requisites accumulating, Analysis, Design, Development and Testing of application utilizing SUPPLE methodology (SCRUM).
- Designed and developed web-predicated software utilizing Java Server Faces (JSF) framework, Spring MVC Framework.
- Involved in various phases of Software Development Life Cycle (SDLC) such as requirements gathering, modeling, analysis, design, development, and testing.
- Developed Web based and Server-side applications using Java 8. Developed client-side Interface using React JS.
- Involved in designing, developing, and testing the web-mobile application by using the HTML5, React JS, Redux and Jest.
- Developed back-end logic with Core Java using technologies including Collection Framework, Multi-Threading.
- Developed web applications using Spring MVC, jQuery, HTML, Bootstrap and worked on Multithreading and Collections Framework including List, Map etc. Added interactivity to the UI pages using JavaScript.
- Developed of XML files, Schema and parsing them by using both SAX and DOM parser's.

- Designed and Developed XSL style sheets using XSLT to transform XML and display the information on the UI screens.
- RESTful web services were developed to implement the industry-accepted standards for things like using HTTP, Status Codes, and naming conventions.
- The open API specifications and Swagger were essentially used for API documentation.
- Junior developers received in-depth training concentrating on important tasks like following the procedures and other related matters.
- Along with being concerned with the application's performance, alerted the team early on to any technical issues and investigated application containerization to enable Docker integration.
- Actively engaged in both activities prior to and following deployment. Deploying the application on Amazon Web services (AWS) which allows access to enormous computational capability for scalable solutions.
- Collaborated with stakeholders to establish key requirements for the software between consumers and the companies that manufacture the products.
- The functionalities were created utilizing the Agile Scrum Methodology, utilizing a variety of Agile approaches, including Test Driven Development (TDD) and Behavior Driven Development (BDD).
- Used Spring Core Annotations for Dependency Injection, Transaction management, Spring REST for REST API's, Spring Boot for micro services and Kafka as message broker for data migration tasks, Oracle as backend database in legacy application.
- All the backend functionality is implemented using Spring IO / Spring Boot and Hibernate ORM to integrate the services with relational Oracle database.
- Created new tables, Stored Procedures, functions, views, indexes and constraints, triggers and required SQL tuning to reduce the response time in the application in Oracle DB.
- Used Spring Batch and Spring Integration to run the nightly job and to send files/emails notifications to customers and supplier on events.
- Worked with tools like Splunk, App Dynamics and Zipkin for monitoring the issue/defects at micro service level.
- Working with ECMA Script 6 features. For build of JSX and ES2015 (ES6) used Babel, webpack.
- Working with React Router for developing Single Page Applications (SPAs).
- Experience in React.js Component for UX-Library consisted of Button, Checkbox, Input, Icons, Toggle Button, Dropdown, Multi-Level Dropdown and many more.
- Experience in coordinating with Onsite and Offshore teams. Followed Agile Practices Grooming, planning, code, code reviews, retrospectives, and CI/CD.
- Used Bitbucket repository for version control and implemented a CI/CD pipeline with Jenkins.
- Used AWS services to quickly set up a dynamic website and configured virtual servers using AWS EC2 and responsible for maintaining and expanding our AWS infrastructure using AWS EC2/EBS.
- Used AWS S3 to store data and to retrieve the stored data very quickly and used Elasticsearch for searching the document.
- Worked with Amazon Web Services like EC2, EBS, ELB, S3, RDS, VPC, SNS, Route 53, Cloud Front, Cloud Watch, Cloud Trail, Cloud Formation, Auto Scaling, IAM, Elastic Bean Stalk, Data Pipeline and Security Groups in a highly available and scalable production environment.
- Responsible for installing JBoss, administering and support of staging, QA and Production environment and performed failover test. Deployed application in JBoss on UNIX.
- Involved in Code Reviews, bug fixes, enhancements, and code refactoring.
- Setting up the automatic build and deployment automation for Java base project by using JENKINS and Maven.
- Used Maven for building and deploying the application.
- Performed Test Execution using Jenkins for continuous integration testing and raised defects using JIRA and kept track on status regularly, resolving the issue.

Environment: HTML5, CSS3, SASS, JavaScript, React JS, Redux, AJAX, Jest, ES6, JSON, JSP, J2EE, GitHub, NodeJS, Jenkins, Maven, CI/CD, Webpack, Babel, Bitbucket, JIRA, Maven, Splunk, Spring Boot, micro services, Kafka, Spring Boot, Hibernate, Web services, RESTful, WebStorm.

Client: Target, Oklahoma City, OK

Role: Full Stack Developer

Project Description: Working on time and leave management systems and it is integrated with the payroll system, and we have segregated the HR and Payroll activities and are able to capture analytical around the employee's data.

Responsibilities:

- Participated in sprint backlog grooming discussions, evaluated associated risks, identified feature dependencies, and so on.
- Acted as a guiding force in identifying possible areas for process improvement, as well as in formulating suggestions and recommendations.
- By scheduling meetings with the team members for the code review criteria were tweaked and updated in confluence to be followed within the team.
- Suggested the branching strategy patterns which allowed teams of developers to easily collaborate inside of one central code base to make sure Agile is uniform.
- The API was secured using OAuth 2.0 and a JWT token, enabling microservice-level authentication and authorization utilizing secured and Preauthorize Annotations at the API gateway level.
- Able to set up a Flyway for schema management and versioning capabilities led by the experience with Relational databases like Oracle and Postgres.
- Played a key role in producing the docker file and interacting with Jenkins and Artifactory to construct the images.
- Maven and Jenkins were coupled to build and deliver apps to the Tomcat server.
- Data source configuration with the assistance of HikariCP connection goes hand in hand with pooling strategy. In order to create a SPA (Single Page Applications) and update the application with new features of Angular. Angular modules, services, templates, directives, services, and dependency injection were brought into the limelight. Besides working with Angular Elements, ng-templates, and Drag and Drop.
- Coded pages with best Search Engine Optimization (SEO) techniques. Developed call back functions to parse and handle JSON data returned from the server.
- Created Core Module with components that will be loaded once in App modules such as Navbar, Toolbar, Services and Routing Module.
- Implemented test cases and performed unit testing using Karma-test-runner and Jasmine.
- Implemented e2e testing using Protractor.
- Extensively used Java8 features like Lambda expressions, Method references, Stream API, Parallel Streams etc. and implementation using core java concepts of Multi-Threading, Exception Handling, Collections and Concurrent APIs.
- Re-designed and implemented the web-based Environmental Manager System's login mechanism using JSP, Servlets, JSF, EJB, and Verizon's One World LDAP server under JBoss and Tomcat environments and JavaEE app server.
- Involved in end-to-end development of REST API microservices Spring Boot, Spring Data, Spring Batch, Rabbit MQ, Oracle and Mongo DB.
- Used Spring Core Annotations for Dependency Injection, Transaction management, Spring REST for REST API's, Spring Boot for micro services and Kafka as message broker for data migration tasks, Oracle as backend database in legacy application.
- Used AWS services to quickly set up a dynamic website and configured virtual servers using AWS EC2 and responsible for maintaining and expanding our AWS infrastructure using AWS EC2/EBS.
- Used AWS S3 to store data and to retrieve the stored data very quickly and used Elasticsearch for searching the document.
- Worked with Amazon Web Services like EC2, EBS, ELB, S3, RDS, VPC, SNS, Route 53, Cloud Front, Cloud Watch, Cloud Trail, Cloud Formation, Auto Scaling, IAM, Elastic Bean Stalk, Data Pipeline and Security Groups in a highly available and scalable production environment.
- Integrated Amazon Cloud Watch with Amazon EC2 instances for monitoring the log files, store them and track metrics.
- Implemented high availability with Azure Classic and Azure Resource Manager Deployment models.
- Creating Storage Pool and Stripping of Disk for Azure Virtual Machines. Backup Configure and Restore Azure Virtual Machine using Azure Backup.

Environment: Java, Spring Boot, Spring AOP, Spring Data JPA, Restful web Services, Kafka, Docker, Kubernetes, AWS, Postgres, Microservices, and Angular 4, Angular-CLI, Typescript, RX JS (Reactive Extensions for JavaScript).

Client: CVS Health, Minneapolis, MN

Aug 2016 – Sept 2018

Role: Associate Java Developer

Responsibilities:

- Complied with the architectural guidelines provided to the development team and industry best practices.
- Established criteria to ensure that the final product is free of bugs and satisfies all functional requirements.
- Set up the Jacoco plugin for the code coverage, was ready to use SonarQube, and kept the quality gate running for the project.
- Introduced a channel during team meetings so that teams could learn about projects made up of tech communications and advice.
- Collaborated with the stakeholders to operate the Agile development environment in a significant way.
- Keep technical problems, such as security flaws, and so forth at bay as and when necessary.
- JUnit for unit testing and Mockito as a framework for mocking was conceptualized.
- Through several methods, such as upgrades and other measures, the Blackduck problems were fixed, and the user was prepared for relief.
- The configuration of the Spring Application Framework (IOC) was enrooted and well maintained.
- To iterative development of the application, seriously involved in the Analysis, Design, and implementation using Agile methodology.
- Aspired to meet business functional requirements, analyzed web applications, and documented detailed test plans, test cases, and worked on expected results.
- Addressed estimation meetings, requirement review meetings, and daily stand-up meetings (Scrum) to discuss requirements for each story card in a sprint.
- To inhabit the database Oracle, maintained the data integrity, and sum up with developed Stored Procedures, Triggers, functions, and views.
- Orchestrated various design patterns - Singleton, Business Delegate, Value Object, and Spring DAO.
- Used Jenkins for continuous integration. Used it for automatic deployment of code into server and to run all the test before generating war file. Also, to send automatic mails to the users if the job fails.
- Performed the database access tasks using JDBC and other related information from auto generated files
- Worked with SOAP Web Services (JAX-WS using Axis 2.0) for creating the discount summary, also used WSDL and SOAP messages (XML technologies) for getting data from different module and SAX XML parsers being used for data retrieval Used Jenkins for Continuous Integration and deployment into WebLogic application Server.
- Implemented PL/SQL stored procedures and triggers.
- Designed and developed necessary PL/SQL for the database operations as needed.
- Worked on database interaction layer for insertions, updating and retrieval operations of data from data base by using queries and writing stored procedures.
- Deployed Enterprise application using WebLogic application Server.
- Used Maven for building and deploying the application.
- Used UML to develop Use case diagram, class diagram and sequence diagrams.
- Involved in writing Junit test Cases, Rest Assured and used for checking Jacoco for code coverage.
- Used GitHub for version control and configured Hudson for dependencies and Log4J for logging.
- Used Git with Stash for code repositories.
- Performed Test Execution using Jenkins for continuous integration testing and raised defects using JIRA and kept track on status regularly, resolving the issue.

Environment: Java, Spring Boot, JPA with Hibernate, RESTful web services, RabbitMQ, JUnit, Oracle, Microservices and Angular.

Client - Capgemini, Hyderabad, India.

June 2014 – July 2016

Role: Java Developer

Responsibilities:

- Utilized Maven as a build tool which has been the foundation for managing dependencies by automating the compilation of unit testing and packaging the application.
- Utilized the Agile (Scrum) development methodology, which entails sprint planning and retrospectives, to guarantee the delivery of high-quality work each month.
- To handle planned and ad-hoc asynchronous Java batch, requests banked on CRON scheduler.
- SOAP UI was laid down as a platform to develop and certify RESTful web services.
- Checked performance analysis on the code and carried out code refactoring on the existing code.
- Worked dedicatedly with RESTful web services using Spring MVC and Spring boot, hosted all microservices on UNIX box tomcat machine.
- Demonstrated Auto Complete/Auto Suggest functionality using AJAX, jQuery, DHTML, Web Service call, and JSON.
- To enrich the Software Development life cycle, ensured the appropriate application of the software was utilized.
- Apart from involving in the integration of Struts with JPA with Hibernate libraries also took care of configuration files and mapping files.
- Adapted Java Design Patterns DAO, Value Objects and Session Facade to develop business components.
- Defined the detailed application and database design. Development of GUI for HTML and JSP Versions.
- Java Servlets were used as the common gateway interface between the client and server.
- Java Beans were used to handle business logic as a Model and Servlets to control the flow of application as Controller.
- Involved in collecting requirements from Business Users and Data Modeling and designing and developing Tools using: J2EE, Java, Servlets, EJB, and JSP.
- Front end validations are written using JavaScript.
- Performed Unit Testing using JUnit.
- Provided a User Manual and User Training on the new system to ease them into the new system.

Environment: Java, Spring MVC, JPA with Hibernate, RESTful web services, Spring JMS, IBM DB2, IBM MQ Server, JavaScript.