**Name: Gireesh Garikapati**

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**Full Stack Java Developer 346-385-5278**

## PROFESSIONAL SUMMARY:

* Having 9+ years of professional experience in all the phases of software development life cycle like Design, Development, Integration of Client/Server environment, Documentation, Implementation, and Testing.
* Expert in Various**Software development**methodologies like the Waterfall model, Agile, and methodologies like**Test Driven Development, Incremental, and Iteration methodology.**
* Experience in developing web applications using HTML4/5, XML, XHTML, DHTML, CSS, CSS3(Sass, Less), Bootstrap, JavaScript, DOM, jQuery, Ajax, JSON, AngularJS, Angular2/6, and JSP.
* Experience in MVC client-side JavaScript frameworks AngularJS and Backbone JS.
* Experience in MVVM client-side JavaScript frameworks such as Angular6 and Angular8.
* Hands-on expertise working with Apache Spark on Databricks, Spark Streaming, PySpark and Map Reduce, Hive, AWS Kinesis.
* Experience in developing Java-based applications using JAVA 8 and Spring Boot.
* Involved in writing Java API for Amazon Lambda to manage some of the AWS services.
* Experience working with props, states, keys, and refs in React.js to build the UI components.
* Proficient with Typescript ES6 new features block scope, type restrictions, decorators, arrow functions, classes, interfaces, and modules (import and exports).
* Adopted agile methodology with pair programming technique and addressed issues during system testing.
* Experience designing and building complex and secure Back-End. (RestFul APIs.)
* Extensive experience in developing web pages in improving performance, maintainability and making them cross browser compatible using HTML, HTML5, CSS, CSS3, SCSS, Angular, **AngularJS**, **ReactJS**, **NgRx**, **Node.js**, **Backbone.JS**, **JavaScript**, **Typescript**, **JQUERY**, AJAX, JSON etc.
* I have profound experience in Core Java 1.8 features like multi-Threading, concurrency, Stream and Filters API, Lambda functions, and Functional interface programming.
* Expertise in implementation of J2EE Technologies: JSP, JTS, Servlets, JSF, JSTL, EJB transaction implementation, JMS, Struts2.0, Swing, Hibernate, Java Beans, JDBC, XML, Web Services, JNDI, Swing, Serialization and Externalization.
* Knowledge of developing applications using Microservice, SOA, and Monolithic architectures.
* Extensively worked on the Spring life cycle and its related modules like Spring Core, Spring IOC, Spring AOP, Spring MVC, Spring Transaction Management, Spring Batch, Spring Cloud, and Spring data.
* Experience in developing web applications on MVC-based frameworks like Spring, Spring IOC, Spring Security, Spring Boot, Spring Cloud, and Spring MVC.
* Experience in building MEAN applications using MongoDB, Express.JS, Angular-JS, and Node-JS.
* Creating RESTful Web services for communication with Node-JS, and Express-JS and installing client-side dependencies using Bower.
* Developed the application using industry-standard design patterns like Singleton, Business Delegate, MVC and Factory Pattern, etc. for re-usability.
* Implemented security functionality for various projects using Spring security, JAX-WS for SOAP security, and Site minder (SSO).
* Working knowledge of multiple streaming ingest providers that utilize batch and real-time processing using Spark Streaming and Kafka
* Good hands on experience on Web services like RESTful API, SOAP API and XML data integration.
* Skilled in building and deploying real-time data pipelines using Confluent platform.
* Experienced with Apache Kafka, Kafka Connect, Kafka Streams, and other Confluent components.
* Contributed to Confluent's open-source projects and participated in the Confluent community.
* Successfully utilized Kubernetes to orchestrate the deployment and management of the Advanced Planning and Optimization (APO) module within the POS system, ensuring scalability, resilience, and seamless integration with other systems.
* Authenticated Users accessing RESTful services using OAuth 2.0, OIDC, and JWT (Jason Web token).
* Experience in developing Microservices with Spring Boot and Node.JS (Express.JS)
* Experience in XML-based implementing SOAP services using JAX-WS framework with Apache CXF, Apache Axis2, and Documented with WSDL.
* Developed code in Java, J2EE, Webwork and Hibernate using XP Practices Pair Programming, TDD, Continuous Integration .
* Expertise knowledge in transactions frameworks like Spring AOP, Java Transaction API(JTA), and Spring Transaction Management (Propagation, Isolation, Rollback mechanism).
* Experience in developing persistence layer using ORM’s (Object-Relational Mapping) frameworks like JPA, Hibernate, IBATIS, and Spring Data.
* Worked on various Message queues like JMS framework, Rabbit-MQ, IBM-MQ, and Active-MQ.
* Proficient in OOAD Technologies developing use cases, Activity Diagrams, Sequence Diagrams, and Class Diagrams using case tools like Microsoft Visio and Rational Rose.
* Experience on **Agile/ Scrum** and Extreme Programming (Test Driven development, Pair programming), Software Development Life Cycle (SDLC).
* Experience in working with Relational Databases like MySQL, Oracle12c/11g, SQL Server, DB2, and NoSQL databases like MongoDB, Cassandra, and CouchDB.
* Experience in writing PL/SQL scripts, Triggers, Stored Procedures, views, and materialized views.
* Working experience with application servers like WebLogic, WebSphere, JBoss, and Apache Tomcat.
* Experienced in using Java-based Logging utility with Log4J.
* Experience with automation tools like Selenium and Cucumber.
* Experience in deploying applications using Docker container services and building Continuous Integration (CI) and Deployment (CD) pipelines using Jenkins with GitHub.
* Having experience with Cloud Computing Service environments like Amazon Web services (AWS).
* Managed Amazon Web Services like EC2, S3 bucket, Elastic search, Auto-Scaling, Dynamo DB, and Virtual Private Cloud (VPC) through AWS Console and API Integration.
* Hands-on experience working with Continuous Integration (CI) build-automation tools such as Maven, Gradle, SVN, CVS, Jenkins, and Apache Ant.

## TECHNICAL SKILLS

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| Languages | C, C++, Java , J2EE, SQL, PL/SQL, and Python |
| Enterprise Java | Java, J2EE, Swing, RMI, Sockets, JDBC, Servlets, JSP, JMS, Java Beans, JSTL, JSF, Struts, EJB, Spring, JTA, JNDI and JPA |
| Web/XML Technologies | HTML5, CSS3, JavaScript, jQuery, ReactJS, AngularJS, Angular2/6, BackboneJS, ReactJS, XML, XSD, XSL/XSLT, SAX/DOM, AJAX, JSON, DOJO, and NodeJS. |
| Tools & Framework | Struts, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, JMS, JSF, Log4J, SOA, Jasper reports, Spring Boot, Spring Batch, Spring Security, Spring Data, Jersey. |
| Web services | SOAP, RESTful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Microservices, Apache Axis, and Apache CFX. |
| Web/App Servers | Web Sphere, WebLogic, Apache, Tomcat, and JBoss. |
| Database | Oracle, SQL-Server, MySQL server, MS SQL, IBM DB2, MongoDB, and NoSQL |
| Development Tools | Eclipse, RAD, Spring Tool Suite (STS) and IntelliJ |
| O-R mapping | Hibernate, JPA and JTA |
| Testing-Tools/ Others | JUnit, Jasmine, SoapUI, Postman, Putty, Rational Clear Quest, RTC, Load UI, and JIRA |
| Version Control | GIT, CVS, SVN, Rational clear case, and Star Team |
| Platforms | Windows, Win 2k Server, Sun Solaris, and UNIX |
| Cloud Technologies | AWS (Amazon Web Services) |

## Education

**Bachelor in computer science** **- June 2009 – March 2013**

**Client: UCare, MN Nov 2021 – Till Date**

## Role: Java Full Stack Developer

## Roles & Responsibilities:

* Participate in AGILE team meetings for project development and testing.
* Participate in user requirement sessions to gather business requirements.
* Developed Java applications that integrate seamlessly with Amazon SQS.
* Utilized AWS SDK for Java to interact with SQS queues programmatically.
* Worked with Angular 8 to develop single page applications, worked with ngrx for managing Angular applications.
* Involved in Analysis, Design, Development, Integration and Testing of application modules.
* Worked on a full text search platform using NoSQL Elasticsearch engine, allowing for much faster, more scalable and more intuitive user searches for our database of SCA.
* Utilized the features of Angular 8 to present effective web design.
* Built Angular 8 components, UI services to consume REST services using Component based architecture provided by Angular 8.
* Designed and developed the application using Angular 8 framework along with HTML5, CSS3, Type Script, Java Script, NGRX, RXJS, Bootstrap, Node.js, NPM, and Mongo DB.
* Solved accessibility issues related to browser in-consistency like keyboard traps, visible focus on the UI Components, majorly on Firefox browser.
* Attending meetings with Design teams, story discussions and help in breaking down story tasks and slotting them into sprints. Providing Accessibility requirements for Design Prototype submitted.
* Java 8 features, such as lambda expressions, parallel operations on collections, multithreading, and streams, were effectively incorporated to enhance code performance and readability.
* Used Elastic search as the data indexer and query parser.
* Load Balancing: Knowledge of integrating ECS services with Elastic Load Balancers (ELB).
* Auto Scaling: Implementing auto-scaling for ECS services to handle varying workloads.
* Used Dynamo DB to store the data for metrics and backend reports.
* Optimized website and web servers to handle increased loads, including switching sites to Nginx and setting up load balancing with Apache, reducing infrastructure costs.
* Proficient at React.js. Good technical skills in React libraries, including react-bootstrap, react-router-dom, redux, redux-think, and Axios.
* Extensive experience working with Front-End version 9.
* Work in a pair programming model to develop new features or fix existing bugs in product applications
* Created Res-useable components, Custom Modules, Custom Directives, Pipes, Services in Angular 9.
* Strong understanding of FE version 9 features and capabilities.
* Skilled in developing responsive and interactive user interfaces using FE version 9.
* Expertise in integrating FE version 9 components with backend Java applications.
* Utilized Amazon Route53 to manage DNS zones and assign public DNS names to elastic load balancers IP's.
* Ensured compliance with security guidelines and practices when developing and deploying Java 17 applications.
* Optimized Flink jobs for performance, including tuning parallelism and resource allocation.
* Ensured secure access to Amazon Aurora by configuring appropriate IAM (Identity and Access Management) roles and database security groups.
* The MAS traces to Section 508, WCAG 2.0 and EN conformance reports. Conformance reports are generated from the Accessibility Assessment Tool (AAT) .
* Working on both Design, Development and validation assessments. Generating Production Monitoring reports every month to track all the accessibility issues.
* Following MAS (Microsoft Accessibility Standards) for performing all the development Assessments and all the Assessments are submitted to the CSEO Accessibility Assessment Service request.
* Responsibilities include estimation and development of new modules using the AGILE process and pair programming using the divide and conquer method of breaking down a chunk of requirements into piecemeal stories and breaking each major release into iteration.
* Developed front-end components using Angular 8, TypeScript, Angular Material and NGRX-bootstrap and Node.
* Developed powerful Single Page Application and dynamic responsive Web Application with Angular 9.
* Developed Java applications to interact with S3 using AWS SDK for Java.
* Implemented file uploads and downloads to/from S3 buckets using Java code.
* Developed API for using AWS Lambda to manage the servers and run the code in the DB.
* Involved in developing functions for Amazon Lambda to manage some of the AWS services.
* Developed OAuth 2.0 clients to enable secure access to third-party APIs and services.
* Leveraged MuleSoft's API management capabilities for designing, securing, and publishing APIs.
* Leveraged GraphQL's flexible query language to enable clients to request precisely the data they need.
* Included security groups, network ACLs, Internet Gateways, and Elastic IPs to ensure a safe area for organization in AWS public cloud.
* Strong understanding of global accessibility laws and standards such as WCAG 2.1 and thorough working knowledge of how to make web content and applications compliant with WCAG 2.0 Level AA Standards.
* Worked with a great knowledge building **Restful APIs** using JSON data and best practices related to their implementation for Confidential cloud project
* Performed data analysis using RAML and JSON in RESTful API environment
* Integrated Fuse with other Red Hat products, such as Red Hat JBoss Enterprise Application
* Experience in cloud services using Amazon Web Services (AWS) and Google Cloud Platform (GCP).
* Developed and tested features in an AGILE environment using **Angular-2** and **Typescript.**
* Work on AGILE Methodology (Scrum Framework) to meet timelines with quality deliverables.
* Used JIRA for project management, Issue tracking and monitoring errors and fixed the Errors and Bamboo as the integration tool and improved scalability of applications on cross-platforms.
* Used **Angular 9** Reactive forms to implement complex **forms** and performed the validations using Form Builder. Used **Angular Material** components developing the UI.
* Volunteered GAAD (Global Accessibility Awareness Day) Digital Accessibility is at intersection of digital transformation and core values.
* Utilized the features of **Angular 2.0** to present effective web design.
* Created **single Page Application** with loading multiple views using route services and adding more user experience to make dynamic by using **Angular JS 2.0** framework and **Node JS**.
* Used Java script and AJAX to query the Elastic search indices, format and display the JSON results in a web page using HTML and CSS
* Used Bootstrap 3.0 from **Angular2.0** platform and pointed it to the root component of the application instead of Angular ng-app.
* Created custom Flink connectors and serializers as needed for specific data sources.
* Used NOSQL database Amazon dynamo DB to store data of reporting Application.
* Experience in working different changed procedures of **Angular 1.x** to **Angular 2.0** such as, **@Route**, **Router Outlet**, **router-link** etc.
* Used Angular 8 with JSON Object returned by Spring MVC Controller.
* Ensuring high quality code by using pair programming approach, Code application components using a test-driven approach
* Specialized in designing and implementing Restful api using best practices in industry
* Worked with Angular 8 Controllers, Directives, Services, Pipes, Guards, Angular Routing.
* Implemented multipart uploads for large files, optimizing performance and reliability.
* Implemented versioning and lifecycle policies to manage object versions and automate data archival.
* Used MySQL, DynamoDB and Elastic-cache to perform basic database administration.
* Used Typescript and its features such as static typing, classes and interfaces. Created **TypeScript** reusable components and services to consume REST API's using Component based architecture provided by **Angular 2**.
* Creation, enhancement, and maintenance of PostgreSQL database functions, including reflection of CRUD operations for the object model PostgreSQL 9.2, pgAdmin III 1.x.
* Implement the NGRX store to maintain the state of the application. NGRX store was used to store results after the angular injector observable retrieved the data from the backend. Added logic to dispatch the action to the NGRX store, this was done to update the store and to update components subscribed to that particular store.
* Use Team Collaboration Software JIRA and Confluence.
* Utilized SAML 2.0 protocol to exchange authentication and authorization data between service providers and identity providers.
* Implemented SNS topics to enable pub/sub messaging for decoupled components in a microservices architecture.
* Integrated SNS with Java applications using AWS SDK to send push notifications and messages.
* Involved in designing and developing Amazon EC2, Amazon S3, Amazon RDS, Amazon Elastic Load Balancing, Amazon SWF, Amazon SQS, Kubernetes and other services of the AWS infrastructure.
* Worked with EKS cloud service in creating Kubernetes pod instances and corresponding configuration changes.
* Leveraged Amazon Aurora's high availability and scalability features for mission-critical applications.
* Created GraphQL schemas, types, queries, and mutations to define data structures and operations
* Worked on **Angular 2.0** by consuming REST web services & Used **Angular 2.0** forms like Template Driven forms and Modern Driven (Reactive) forms to perform form validations both on server and client side.
* Utilized **jQuery** UI for dialogs, date picker, tabs, model pop ups and advanced components to implement UI model.
* Utilized Java libraries and frameworks like Spring Security and OAuth libraries to integrate OAuth 2.0 into Java applications.
* Launch EC2 instances to create virtual servers for Java applications.
* Configure security groups and key pairs for secure access to instances.
* Utilized Anypoint Studio for MuleSoft development, including the use of visual design tools and coding in Mule Expression Language (MEL).
* Designed and implemented restful apis using spring mvc/rest and exposed documentation using swagger
* Developed code in Java, J2EE and Hibernate using Programming Practices as Pair Programming, TDD, Continuous Integration
* Used **NgRx** library for the state management of the application.
* Experience with **NgRx** store, reducers, actions and TEMPeffects.
* Monitored and maintained integration solutions using Fuse's monitoring and logging tools.
* Followed Test Driven Development (TDD) methodology for developing test cases and unit testing using Jasmine test framework with the Karma test runner.
* Comfortable working with MEAN (MongoDB, Express, Angular, NodeJS) stack.
* As part of agile methodology, perform Continuous Integration and Continuous Deployment of projects using tools Like Bamboo, GIT and Spring Cloud.
* Development with relational database management systems RDBMS including Oracle, Sybase, MySQL, MS SQL Server, and PostgreSQL
* Coding was extensively carried out utilizing Java 8 and Golang, adhering to established best practices within an MVC layered architecture.
* Migrated existing Java applications to Java 17, ensuring compatibility and addressing any deprecated features.
* Store responses in appropriate file and use SOAPUI tool to test SOAP and REST web services.
* Created a Lambda Deployment function and configured it to receive events from your S3 bucket in AWS.
* Perform Test Driven Development (TDD): Selenium Testing, JUnit Testing and Load Testing.
* Design & developed the REST based Microservices using the Spring Boot, Spring Data with JPA.
* Involved in Oracle database integration and implementation. (SQL Developer and SQL Plus)
* Used Dynatrace to monitor server health for application and integration servers.
* Develop web applications using Object Oriented Programming language JAVA and J2EE Technologies such as JSPs, Servlets, JSON, AJAX.
* Implementing **Restful API**
* Working on C#, Asp.Net Core 3.1, Web API, Entity Framework, LINQ, SQL server, Single Page Application framework (SPA), Angular 8, Typescript, CSS, VSTS, GIT, Bootstrap, JavaScript, JSON, HTML, Db Up, Postman, NGRX store, RXJS, Redux, Augury and Bootstrap.
* Use Elastic Load Balancers (ELB) to distribute traffic among multiple instances.
* Create Amazon Machine Images (AMIs) for consistent application environments.
* Built a RESTful API to save and retrieve agent information in Java using Spring MVC
* Implemented the Angular MVC and two-way data binding for one Module.
* Use HTML5, CSS, JavaScript, and jQuery for the JSTL on JSPs.
* Use Nexus for managing all Maven Repositories. Use SoapUI for testing Web Service.
* Work on AngularJS for one of the single page applications and cross browser functionality.
* Use RESTAPI with JAX-RS for consuming web services to handle two interfaces XML and JSON.
* Design the Cascaded Style Sheets (CSS) for designing the styles, skinning, and layouts.
* Used Protractor provided by Angular for end to end (e2e) testing.
* applications using Frameworks such as Spring Core, Spring MVC, Spring AOP, Spring Security, spring Cloud, Hibernate.
* Implemented SAML-based Single Sign-On (SSO) solutions in Java applications to enable secure authentication and authorization.
* Experience in troubleshooting and debugging FE version 9 applications.
* Collaborated with cross-functional teams to implement FE version 9 solutions.
* Kept up-to-date with the latest trends and updates in FE version
* Use Object/Relational mapping tool to achieve object to database table persistency.
* Use the features of Spring Core layer (IOC), Spring AOP, Spring ORM layer and Spring DAO support layer to develop the application.
* Prepared documentation for some of the recurring defects and resolutions and business comments for those defects.

**Client: Ally Financial, Charlotte, NC Jan 2021 – Oct 2021**

## Role: s Full Stack developer

## Roles & Responsibilities:

* Involved in Requirements gathering, Analysis, Design, Development, and Testing of the application using an AGILE methodology (SCRUM).
* Developed the web interface using HTML5, CSS3, JavaScript, jQuery, Ajax, Angular8, NodeJS, and Bootstrap and developed Angular 8 components and services using Angular CLI.
* Worked with NPM commands and using a package. JSON for managing dependencies and dev-dependencies of Node.js applications.
* Document, design, maintain, and debug single page web applications in an Agile environment using JavaScript (Angular (8-11), NgRx, Typescript, Nodejs), Angular Material, Prime NG, HTML, CSS3(SASS), Jasmine test framework, Protractor & Karma test runner, Git and Github.
* Followed Agile Methodology with pair programming technique
* Used Angular 8 with JSON Object returned by Spring MVC Controller.
* Worked with Angular 8 Controllers, Directives, Services, Pipes, Guards, Angular Routing.
* Java 8 features, such as lambda expressions, multithreading, and Streams, were effectively utilized to streamline data processing tasks
* Experience in providing accessibility strategy consulting to teams and understanding of the different roles and responsibilities across the disciplines of software development.
* Implemented NGRX store to manage the state of the application.
* Build request payload to post request to Splunk server using **angular 9**.
* Migrated from Angular 8 to the Angular 9 with the latest version depended on Typescript 3.8
* Created cloud formation templates in setting up DEV, QA and UAT environments using AWS Cloud formation and leveraged Elastic container services to run Docker micro services in AWS.
* Managed state of the application using NGRX and actions were responsible to update the store and components subscribed to store.
* Develop a RestFul API. Integrated with the CRM using Asterisk, Vici Dial, Twilio.
* Provided UI expertise to other engineers through pair programming and code review.
* Auto-suggest service implementation using Nodejs & Elastic Search.
* Integrated SQS with other AWS services like AWS Lambda, S3, and EC2 for end-to-end solutions.
* Implemented long polling to efficiently retrieve messages from SQS queues.
* Responsible for creating graphical data representations using React JS.
* Performed accessibility audit on entire Kobo.com application and its sub-systems. Identified and logged user stories for accessibility issues that fails Level A and AA standards.
* Implementing Angular 9 services to connect the web application to back-end APIs.
* Migrated from Angular 8 to the Angular 9 with the latest version depended on Typescript 3.8
* Utilized Java 1.8 features like Lambda expressions for collection evaluation and comparing the data, Stream API for Bulk data operations on Collections which would increase the performance of the Application, and Parallel operations on collections for effective sorting mechanisms and to change the sequential stream flow of threads while session establishment.
* Developed applications using Java 8 features like Lambda functions, Streams and Functional interfaces.
* Monitor instances using Amazon CloudWatch for performance insights.
* Store data in Amazon RDS, S3, or other AWS services for Java apps.
* All the functionality is implemented using Hiber IO/ Spring Boot, Hibernate ORM. Implemented Java EE components using Spring MVC, Spring IOC, Spring transactions, and Spring security modules.
* Worked in a strike team to improve site accessibility with keyboard and various assistive technologies like Narrator, NVDA, JAWS, etc.
* Develop a RestFul API. Develop custom payment integration using Stripe. (Customers, Reseller, System commission).
* Called REST web services through Angular services to get JSON Object and modified the response object to display in UI.
* AWS Lambda was utilized for serverless implementations, where the functions were triggered when the database tables were updated and AWS Cloud Watch was utilized for alarms.
* Integrated Flink with various data sources, including Kafka, Apache Pulsar, and file systems.
* Created and configured MuleSoft flows to orchestrate the movement of data and messages between applications and services.
* Designed and implemented GraphQL APIs using Java-based frameworks like GraphQL-Java and Spring Boot.
* Utilized Fuse's containerization capabilities for deploying and managing integration services in containers (e.g., Docker, Kubernetes).
* Used Angular 9 to create maintainable and testable single page application.
* Utilized SNS mobile push to send push notifications to Android and iOS devices from Java backend services.
* Integrated SNS with other AWS services like Lambda and SQS to trigger automated workflows.
* Collaborated with teams to improve codebase performance, security, and maintainability using Java 17 features.
* Implemented Java applications that interacted with Amazon Aurora databases using the JDBC (Java Database Connectivity) API.
* Evaluated system performance and validated PL/SQL solutions and suggested the latest upgrades for technologies to Pl/SQL databases.
* Applied Section 508/ Accessibility Standardscompliant to the software development methodologies
* Implemented a Web-Mobile Application, Back-End CRM and RESTful API services.
* Created actions, action Types, effects for making service calls using NGRX store.
* Created selectors to get observable data from NGRX store and used reducer functions to set/update store state.
* Experience in Micro services development using Spring boot and deployment in Pivotal Cloud Foundry (PCF).
* Used Structs Framework in the application, which is based on the MVC design pattern.
* Involved in writing Spring Configuration XML a file that contains declarations and business classes that are wired up to the frontend managed beans using Spring IOC pattern.
* Implemented the application using Spring IOC, Spring MVC Framework, and Spring Batch and handled the security using Spring Security.
* Developed REST APIs using Spring MVC and Spring boot hosted all microservices on PCF.
* Developed RESTful Web Services with JAX-RS using Spring Boot and Micro Services Architecture
* Implemented Micro Services using Spring Boot, Spring Cloud, and Spring Micro Services and enabled discovery using Netflix Eureka Server.
* Sending requests and responses to Microservices through REST/HTTP.
* Used Hibernate and JDBC to connect to databases like Oracle, MYSQL, and DB2 to store, delete, manipulate, and retrieve data from them in many of my applications.
* Involved in integrating JAX-RS into the Spring Boot application.
* Used Microservice architecture with Spring Boot-based services interacting through a combination of REST and Apache Kafka message brokers.
* Experience designing and building complex and secure Back-End. (RestFul APIs.)
* Design and develop real-time data pipelines using Confluent platform. Develop and deploy Kafka Connect connectors to integrate with a variety of data sources and sinks.
* Collaborated with a team to design, develop, and maintain scalable, high-performance applications using Confluent Platform and its components (Kafka, Schema Registry, Connect, KSQL)
* Developed the persistence layer using Hibernate Framework, created the POJO objects, and mapped using Hibernate annotations and Transaction Management.
* Provided support for production and development systems for PL/SQL databases. experienced in installing configuring and configuring MongoDB.
* Deployed Spring Boot2.x based Micro Services Docker container using Amazon EC2 container services and using AWS admin console.
* Service Management: Experience in managing ECS services for deploying and scaling Java applications.
* ECS Basics: Familiar with ECS concepts like clusters, tasks, services, and container definitions.
* Implemented OAuth 2.0 authentication and authorization flows to secure API endpoints and web applications.
* Used Flink's DataStream API for stream processing and DataSet API for batch processing.
* Developed and maintained Java applications using the latest features and improvements introduced in Java 17.
* Migrate Data from databases such as MongoDB, SQL, and Dynamo dB to Amazon Redshift.
* Used Hibernate ORM tools which automate the mapping between IBM DB2 SQL databases and objects in Java.
* Utilized Fuse's containerization capabilities for deploying and managing integration services in containers (e.g., Docker, Kubernetes).
* Deployed the Docker image of services building Docker files and building a continuous delivery pipeline for containers using AWS Code Pipeline and Amazon ECS.
* Have good experience in all testing phases such as Unit testing, Integration testing, and System testing.
* Experience in developing Docker files to containerized applications to deploy on managed Developed web application using Struts 2. X, JSP, Servlet, Java beans that use MVC design pattern.
* Created user-friendly GUI interface and Web pages using HTML, CSS, and JSP
* Wrote JavaScript and jQuery for client-side validation.
* Used Eclipse as an IDE tool for creating Servlet, JSP, and XML.
* Designed and implemented MuleSoft ESB (Enterprise Service Bus) applications to facilitate integration between disparate systems and data sources.
* Wrote SQL for JDBC and prepared statements to retrieve the data from a database. Monitored the logs using Log4J and fixed the problem.
* Involved in building and deploying the application using ANT.
* Used CVS as a version control system.
* Collaborated with cross-functional teams to gather requirements, design, and develop new features, and enhance existing functionalities.
* Employed Python for scripting, automation, and data processing tasks, enhancing the efficiency and effectiveness of development and testing processes.
* Worked on bug fixing and Production Support test services like EKS.
* Experience in performing unit testing, mock testing, and automation testing using Junit, Mockito, and Selenium.
* Excellent knowledge and experience in Oracle, DB2, and SQL Server Database.
* Designed and developed DAO layer with Hibernate standards, to access data from SQL Server.
* Used Azure DevOps to build, test, and deploy Angular 8 applications and Azure Monitor to monitor the performance and health of Angular 8 applications.
* Used Azure Security Center to protect Angular 8 applications from security threats.
* Implemented **JMS** for notifications and testing with **JUnit, Mock cases**. Wrote **JUnit** Test cases for Spring Controllers and Web Service Clients in Service Layer using Mockito, AZURE. Single Page Application development using AngularJS, backed by MongoDB and NodeJS Used JIRA for bug tracking, issue tracking, and project management.
* Used GIT as source control management giving a huge speed advantage on centralized systems that must communicate with a server.

### Environment:

Agile (SCRUM), Java1.8, HTML5, CSS3, JavaScript, jQuery, Ajax, Bootstrap, Angular8, AWS (Amazon web services), Micro-Services, Spring, MongoDB, React Js, Kafka, Spring Batch, Spring Boot, Spring Security, Servlet, XML, GIT, JMS, JSP, Spring MVC, JDBC, JUnit, Maven, IBM WebSphere, kuberful, Log4J, Java Server Pages, JIRA, Jenkins, Kubernetes, and STS.

## Client: Baptist Health, Coral Gables, FL. Oct 2018 – Dec 2020

## Role: Java developer

## Roles & Responsibilities:

* Analyze business requirements and design solution strategies for implementing Advanced Planning and Optimization (APO) functionalities within the POS system, leveraging expertise in APO algorithms (forecasting, demand planning, inventory optimization, replenishment planning).
* Configure and customize APO parameters, such as master data management, planning profiles, and key figures, to tailor the system according to specific organizational needs.
* Collaborate with cross-functional teams to seamlessly integrate APO functionalities into the existing POS platform, ensuring compatibility and data flow with other systems like inventory management and CRM.
* Conduct thorough testing and quality assurance to ensure scalability, performance, and data integrity of the APO module, employing techniques such as unit testing, integration testing, and performance testing.
* Identify and evaluate suitable APO platforms and APIs for integration into the POS system, considering factors like compatibility, scalability, and security.
* Implement secure integration methods, including data encryption, access control, and authentication, to adhere to security parameters and protocols.
* Monitor and maintain existing integrations, proactively addressing issues or bugs that may arise, and ensuring minimal disruption to ongoing operations.
* Stay updated with the latest advancements in APO technology, keeping abreast of emerging algorithms, optimization techniques, and industry best practices.
* Experience on creating images through Docker and deploying them in Kubernetes environment.
* Leveraged Kubernetes to orchestrate the deployment of the APO module within the POS system, ensuring scalability, resilience, and efficient resource allocation.
* Utilized Kubernetes features such as Deployments, Services, and Ingress to manage and expose the APO module's functionalities, facilitating seamless integration with other systems and secure external access.
* Propose enhancements and optimizations to the planning and optimization capabilities of the APO module, leveraging knowledge of industry trends and new features provided by APO platforms.
* Provide technical expertise and guidance to the development team, collaborating on the implementation of APO functionalities, troubleshooting complex issues, and ensuring successful integration and performance of the APO module.
* Developed JavaBeans and mapping files for Hibernate Object Relational Mapping for data persistence and storage.
* Used Hibernate as a Persistence framework mapping the ORM objects to tables.
* Testing JSON output using Advanced REST Client or POSTMAN.
* Recently refreshed data center access layer with Nexus 9k's to prepare the infrastructure for future SDA requirements
* Exposure to multiple technologies and builds/troubleshooting: VSAN/NSX/SDA/VXLAN, etc.
* Experience with partners on installation and configuration problems and issues related to SDA, DNAC.
* Implemented the function to send and receive AMQP messages on RabbitMQ synchronously and asynchronously and send JMS messages to Apache ActiveMQ on the edge device.
* Designed and developed Logging Framework to dynamically change logging levels to help debug issues/errors using Log4j.
* Used SQL, PL/SQL, and Stored Procedures for Oracle back-end database.
* Created DB Links to interact with other Oracle databases in the distributed database system.
* Created tables, triggers, stored procedures, SQL queries, joins, integrity, constraints, and views for multiple databases like SQL Server.
* Continuous integration using Jenkins for nightly builds and sending automatic emails to the team.
* Microservices have been built using spring Boot, and spring security and deployed to the AWS cloud.
* Worked on AWS cloud resources to better achieve a lower cost and higher performance/uptime.
* Used GSON Framework to convert JSON into objects.
* Wrote **JUnit** tests with **Power Mockito** mocking framework.

**Environment:**

POS, Java, Microservices, RESTful API, Spring MVC, Spring Boot, Spring Batch, **Spring Cloud**, Hibernate, kubernetes, JSON, Postman, Log4j, SQL, PL/SQL, Oracle, AWS, **Junit, Kafka**.

## Client: Novartis, Sacramento, CA Aug 2015 – Sep 2018

## Role: Java Developer

## Roles & Responsibilities:

* Developed web application using Struts 2.X, JSP, Servlet, and Java beans following the MVC design pattern.
* Created user-friendly GUI interface and web pages using HTML, CSS, and JSP.
* Implemented client-side validation using JavaScript and jQuery.
* Utilized Eclipse as the IDE for Servlet, JSP, and XML development. Wrote SQL queries for JDBC and prepared statements to retrieve data from databases. Monitored application logs using Log4J and resolved issues.
* Deployed the application on Tomcat.
* Utilized ANT for building and deploying the application.
* Managed version control using CVS.
* Deployed applications on Kubernetes for efficient container orchestration.
* Collaborated with cross-functional teams to gather requirements, design new features, and enhance existing functionalities.
* Worked on bug fixing and provided production support.
* Leveraged Spark for distributed data processing, analytics, and machine learning tasks.
* Utilized Databricks for cloud-based data processing and analytics.
* Integrated Spark and Databricks into the application stack to enhance data processing capabilities.
* Orchestrated and managed containerized applications on Kubernetes for scalability and reliability.
* Configured Kubernetes resources such as Deployments, Services, and Ingress to ensure high availability and load balancing.
* Collaborated with DevOps teams to streamline application deployment and management on Kubernetes.
* Utilized Kubernetes features for container lifecycle management, rolling updates, and resource allocation.
* Applied best practices for containerization and orchestration using Kubernetes.
* Worked with monitoring and logging tools for analyzing application performance and troubleshooting issues in the Kubernetes environment.

**Environment:**

J2EE, JDBC, Struts, JavaScript, Html, CSS, JSP, Servlet, Tomcat, Oracle, Eclipse IDE, CVS, ANT, Log4J, Kubernetes, Spark.

## Client: Dell Technologies, Richardson, TX                               March 2014 – July 2015

## Role: Java Developer

## Roles & Responsibilities:

* Involved in the Analysis, Design and implementation using AGILE methodology for iterative development of the application. Participated in Scrum, Retrospective and Release Planning Meetings
* Used JAXB, JAXP for parsing auditing information in xml format.
* Used JSP, JSTL and Spring tags for retrieving and displaying data. Used jQuery Framework.
* Used the Log4j framework to log the system execution details to log files.
* Used SVN version controlling to maintain project versions.
* Involved in testing using JUNIT and JMETER.
* Used Selenium WebDriver to test search results of Meta search engine.
* Possess good ability to integrate Mock Object, developed and execute test cases using Junit to perform a quality assurance.
* Developed application using Spring, Hibernate, Web Services (RESTFUL)
* Worked on Spring Controllers and configured annotations to handle the presentation requests and integrated with services and DAO using annotation.
* Developed and Consumes Restful web services and tested using SOAP UI
* Developed Microservices with Spring Eureka to retrieve API routes for the entire cluster. Using this strategy each spring service in a cluster can be load balanced and exposed through one API gateway.
* Analyzed web applications, documented detailed Test plans, test cases and expected results based on the business functional requirements.
* Used SPLUNK to search and review the logs information while working on the incidents.
* Used Tomcat web server to deploy application locally and used IBM Web Sphere to deploy application in production.
* Utilized Python for scripting, automation, and data processing tasks, enhancing the efficiency and effectiveness of development and testing processes.

### Environment

Python, JSP, Servlets, Spring MVC/ DI/ AOP/ Templates, Hibernate, Web Services, RESTFUL Services, SOAP, SOAP UI, MongoDB, Oracle, Linux/Unix.