**Mohan G**

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**Professional Summary**

* Over-all 5 years of experience in working with the web-based applications, hands on experience in the analysis, design patterns, development client and server applications, implementing and testing with the use of Java and Core Java.
* Experience in Designing and building dynamic and user interactive websites using HTML5, CSS3, JavaScript, Angular-JS, Angular 9/11/14, Express.js, Node JS, React JS, Express JS, Bootstrap, jQuery, XML, JSON, and AJAX.
* Expertise in Java programming with understanding of OOPs, Collections Interface, Exceptions Handling, Input/output (I/O) System, Annotations, Enums, Concurrency, Multi-Threading, Lambdas, and Generics.
* Extensive DLC experience including Requirement Analysis, Design and Coding, Application Implementation, Unit Testing, System Testing, Regression Testing and Production Support.
* Experience with messaging systems like Kafka and Kafka event sourcing.
* Experience in Developing Application using frameworks Spring Dependency Injection (DI), IOC, Aspect-oriented Programming (AOP), Integration, Security, Boot, Struts and Hibernate.
* Experience with Cloud based Application Management & Deployment preferred Azure
* Extensively worked on implementing Service Oriented Architecture (SO) using XML Web Services, Handling HTTP Request and responses, creating Web service clients, handling communication calls to methods and External Interfaces.
* Experience in developing Web and Enterprise applications using technologies JDBC, Servlets, Java Persistence API (JPA), JMS, JSP, NPM, GIT and Jira.
* Proficient in consuming Restful Web Services with AJAX call and updating dynamic functionality of HTML in JavaScript, Query and Angular.js.
* Experience with container-based deployments using Jenkins, Docker and Kubernetes.
* Hands-on work experience in the areas of Dimensional Data Processing, Data Preparation, Standardization and Relocation and Application Positioning of operating sources using data warehouse ETL methods.
* Experience with CI CD pipelines to integrate the Java code to align with DevOps practices using Docker.
* Knowledge on DevOps tools like Docker and Deployed microservices on Docker Containers.
* Experience in Installing, Configuring, Deploying and maintaining Application and Web Servers such as Oracle Web Logic, Boss Enterprise Application Platform (EAP), Apache Tomcat Server and IBM Web Sphere.
* Used Scala collection framework to store and process metadata and other related information.
* Experience in API Gateways like Amazon API, Oracle API Gateway and Apigee API gateway
* Worked collaboratively with Clients at Onsite and offshore teams to establish and maintained consistent test methodology to resolve any requirement ambiguities during the testing process.
* Proficient in writing SQL queries, PL/SQL Procedures, Functions and Triggers and Cursors and using
* Hibernate framework with Spring ORM in interaction with the RDBMS and Non-Relational Database like Mongo**DB**

**Skills**

* Languages: JAVA 1.8/1.7/ J2EE, SQL, PL/SQL
* Technologies: JSP, Servlets, Java, Spring-boot
* Platforms: Windows, UNIX, LINUX, Mac
* Testing Tools: Junit, Mockito, Cucumber
* Web Technologies: HTML, JavaScript, SCSS, CSS, Redux Tools, RabbitMq, XML, CSS, AngularJS, Angular, React, Typescript.
* Version Control: GIT, SVN, Bit Bucket
* Methodologies: Agile and Waterfall Methodology
* Development Tools (IDEs): Eclipse, Intellij, Spring Suite
* Build Tools: Maven, Jenkins CI/CD
* Web/Application Servers: Tomcat, WebLogic, Jboss
* Database: MS SQL Server, MySQL, Scala, Oracle 10g/11g, Mongo DB

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**Work History**

Full Stack Developer 04/2022 to Current

Bank of America – Canada, ON.

* Involved in Requirement Gathering, Design and Deployment of the application.
* Designed and developed Rich user interface using Angular 9, JavaScript, HTMLS, CSS3, AJAX and JSON Developed java scripts for all client-side validation and developed User Interface (GUI) using JSP, CSS.
* Implemented Swagger Configuration in Java Spring boot for auto generating swagger son files for REST API calls
* Used Spring combinations of REST Web Service and Hibernate which provides loose coupling between user interface layer and persistence layer Used Eclipse IDE for application Development. Used Jenkins Jobs for build automation to compile and generate EAR and WAR files.
* Developed a Message Driven Bean that uses JMS to manage backend transactions
* Preparation of Test cases on JUnit during the unit testing and system testing phase
* Created Custom Directives in Angular 9, making use of Modules and Filters objects according to the application requirement.
* Implemented Hibernate ORM tool integration with Spring MVC to interact with back-end persistence system
* Used Spring boot and solace factory to consume and post the messages to the queue.
* Developed a fully automated continuous integration system using Git, Jenkins, MySQL and custom tools developed in Python and Bash
* Developed and published web-services using SOAP and XML based on top-down and bottom-up approaches
* Loaded data using to database using ETL tools like SQL loader and external tables to load data from data warehouse and various other database like SQL Server, DB2.
* Involved in the Web/Application development using Python 3.5, HTML5, CSS3, AJAX, JSON and jQuery.
* Worked on NodeJS Rest API calls and integrated with UI and on Web Services (SOAP&REST).
* Experience in pre-testing the Web-Service calls with SOAP UI using end-points
* Designing RabbitMQ queues and exchanges and binding relation between them.
* Coordinated Unit Testing by JUnit, Easy Mock, Integration and User Acceptance Testing and developed test cases for bean components.
* Enterprise Container Services, and today using AWS Faregate .Implemented Micro Services framework with Spring Boot, NODE.JS and OpenShift containerization platform (OCP).
* Used Subversion for maintaining the component and for release and version management, JIRA for defect tracking
* Used Maven tool for the build and deploy procedure scripts in UNIX, Linux and Windows
* Been though Release process for project execution as part of SCRUM
* Developing micro services using Java 11 version with spring boot framework
* Successfully executed all the test cases and fixed any bugs/issues identified during the test cycles

**Tools and Environment:**

JDK 1.8, Springboot, Apache Kafka, Postman, JavaScript, Web Services, Cassandra, Subversion, STS (Spring

Tool Suite) 3.9, Agile, HTML, CSS, JavaScript, jQuery, AJAX and Angular JS, JAVA8, Spring Frameworks,

Hibernate, RESTful Web services.

Java/API Developer 01/2021 to 03/2022

Telus - Canada, ON

* Involved in programming, testing, debugging, implementing and maintaining of Java EE distributed application to meet the project needs
* Involved in all phases of the Software development life cycle (SDLC) using Agile Methodology.
* Developed Use Case Diagrams, Object Diagrams and Class Diagrams in UML using Rational Rose.
* Developed the application using JSF, MVC Framework.
* Involved in developing User Interface (UI) with HTML5, CSS3, JavaScript, POJO, jQuery, and JSON.
* Developed user interface using JSP, JSP Tag libraries and JavaScript to simplify the complexities of the Application.
* Used Angular-JS created custom directives for data manipulations and to display data in company standard format in UI.
* Created proof-of-concept using responsive web design, Node JS, HTML5 and CSS3.
* Implemented routing logic and navigation from screen to screen and implemented login functionality on the client side in Angular.
* Worked in development of web services for business operations using REST/SOAP, WSDL, JAX-WS, JAX-RS, JDOM, XML, XSL and Apache CXF, implementing SOA architecture.
* Consumed Web Services (WSDL, SOAP, UDDI) from third party for authorizing payments to/from customers.
* Developed Web services using Apache Axis SOAP engine that would be exposed to external applications to retrieve data from -Client servicing platform.
* Used Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST APIs and Spring Boot for micro-services.
* Involved in writing Spring Configuration XML file that contains declarations and another dependent objects declaration.
* Used Spring annotations mechanism to create RESTful applications.
* Extensively worked with ETL tools to extract data from various source including Oracle, Flat files, XML.
* Involved in the spring controller development using Spring MC, spring security and spring core modules.
* Implemented WebSphere MQ for provisioning using the Spring JMS Listeners to parse the XML message.
* Worked on parsing the XML files using DOM/SAX parsers.
* Create and configured the continuous delivery pipelines for deploying Microservices and lambda functions using Jenkins CI server.
* Used multithreading in programming to improve overall performance using Singleton design pattern in Hibernate Utility class.
* Involved in designing and deploying the content cloud platform on AWS using EC2, S3.

**Tools and Environment:**

JDK 1.8, Springboot, Apache Kafka, Postman, JavaScript, Web Services, Cassandra, Jenkins, POJO's, JAX-WS, Subversion, STS (Spring Tool Suite) 3.9

Full Stack Java developer 12/2018 to 12/2020

Entirety Technologies - Hyderabad, India

* Involved in analysis, specification, design, and implementation and testing phases of Software Development Life Cycle (SDLC) and used Agile methodology for developing application
* Followed Agile Software Development Methodology and Test-Driven Development (TDD) to build the application iteratively and incrementally.
* Re engineered the existing legacy application into a web-based application using the latest web technologies.
* Wrote reusable components (including business layer, software infrastructure, and UI) by following industry best practices in user-interface design.
* Developed J2EE web application using the Java 7, multi-threading, Spring MVC 4.1.0, spring-JDBC and implemented caching in the application using IBM Dyna Cache.
* Used Spring Core and Spring Data modules in Spring MVC framework for implementing Model-View-Controller (MVC) architecture at the Web tier level to isolate each layer of the application so that complexity of integration will be reduced, and maintenance will be very easy.
* Developed DB2 stored procedures on DB2 Database.
* Build REST web service by building Node JS Server in the back end to handle requests sent from the front-end JQUERY, AJAX via JSON.
* Designed & developed Restful API and services using best practices to interact within the Micro services and with the front end.
* Extensively used Spring MVC and Spring rest to build backend api’s
* Used JPA to fetch data from database to avoid any dependency on database tables.
* Implemented User Interface and integrated with backend code, Node.JS as server-side technology for the feedback system.
* Used JMS MQ (Message Queues) for reliable and asynchronous exchange of important information between multiple business applications.
* Developed JUnit test cases to unit test the business logic.
* Created pipelines in Jenkins which are required for the bi-weekly PROD deployment
* Performed Design review and Code review for well-known performance practices for better performance and code maintainability.
* Responsible for design of WSDL. files and schema changes and hosting using SOAP based Web Services Axis2 and XML Beans.
* Used JavaScript and JSF Prime faces validation framework for performing front-end validations.
* Designed and developed Micro Services based business components and RESTful service endpoints using Spring boot.

**Tools and Environment:**

Java, Spring boot, J2EE, JDK 1.8, JRE, JSP, Agile Methodology, Apache Maven, Eclipse Neon2, Squirrel SQL, RED HAT JBOSS, MVC framework, ORM framework, Junit, Jenkins, Web Service, HTML, Hibernate, Subversion SVN.

**Education**

Gayatri Vidhya Parishad College of Engineering – India

Bachelor of Science in Information Technology