Mohith M
Java Full Stack Developer
LinkedIn: https://www.linkedin.com/in/mohith-m-3a3a81276

Email: mohith.mef@gmail.com
Contact: (314) 529-0785

Professional Summary:

- **7+ Years of IT Experience** in **Analysis, Architecture, Designing, Developing and Implementation** of client server and web-based applications using **Full Stack Development.**
- Experience in **designing and implementing Object Oriented, Pattern based applications** and enterprise solutions using **Java/J2EE technologies**.
- Experience of using IDE tools like **Intellij, Eclipse, NetBeans, Rational application Developer(RAD)** for application development.
- Expert in Various **Agile methodologies** like **SCRUM**, Test Driven Development (**TDD**), Incremental and Iterative methodology, Pair Programming, **Agile Development** and Testing using **Software Development Life Cycle(SDLC)**.
- Proficient in **CoreJava** with strong understanding of **Data Structures**, **Algorithms**, **Concurrency**, **Collection Frameworks**, **Multithreading**, **Generics**, **Serialization**, **Event handling** and **performance tuning** in developing applications from scratch.
- Expertise in **HTML**, **CSS**, **JavaScript**, **SASS**, **Angular Material**, JavaScript frameworks like **Angular**, **React**.
- Professional in designing and developing Web based Enterprise Applications for **J2EE** platform using **Core Java**, **Servlets**, **JSP**, **EJB**, **JMS**, **JSF**, **Swing**, **Struts 2.0**, **Spring**, **Hibernate**, **XML**, **JDBC**, **Web Services** and **SOA**.
- Strong experience in Spring Modules - **Spring MVC**, **Spring IOC**, **Spring AOP**, **Spring Boot, Spring DAO, Spring Microservices, Spring REST**, **Spring Eureka, Spring Ribbon, Spring Netflix, Spring Zuul.**
- Proficient with **Node JS**, **Express JS** and **MongoDB** to construct **REST API** Microservices.
- Extensive knowledge on the **React JS** framework as well as tools like **Redux**, **JSX**, **Form Validation**, **HOC**, and **React-router**.
- Hands-on experience in developing web services like **UDDI**, **SOAP**, **XML**, **WSDL** by implementing frameworks like **Spring WS**, **Apache Axis** and messaging standards like **Java Messaging Services(JMS)**.
- Extensive experience in creating and implementing **EAI Design** using **TIBCO** tools.
- Proficiency in designing **microservices** to increase & maintain software flexibility and sustainability.
- Experience in **Database design**, **Data analysis** using **PL/SQL** to write **Stored Procedures**, **Functions**, **Triggers**, and strong experience in writing complex queries for various databases like **Oracle**, **PostgreSQL**, **MySQL** and **DB2**.
- Experience in **NoSQL** database programming - **Apache Cassandra** and **MongoDB**.
- Experience in working with different application servers like **JBoss**, **Web Logic** and **Web sphere** and web server like **Apache Tomcat**.
- Capacity to work efficiently on Windows platforms as well as practical involvement with **UNIX**, **Linux** commands, and application deployment in servers.
- Experienced in branching, tagging and maintaining the version across the Environments using SCM tools like **Git**, **GitLab**, **GitHub**, **Version Control Tools Subversion (SVN) & Concurrent Versioning System (CVS)**.
- Proficient in configuring build tools such as **Maven, Gradle** and **ANT** for development and deployment purposes and also used **JIRA** for bug tracking and issue tracking.
- Skilled in utilizing various **AWS** resources such as **EC2**, **S3**, **EBS**, **SQS**, **SNS**, **IAM**, **CloudWatch**, **CloudFront**, and **RDS** and Integrated (CI and CD) delivery using **Jenkins**, **Chef** and **Docker**.
- Experience with **Docker** containers, leveraging Linux containers and AMI's to create **Docker images** and deploying it on **AWS Cloud**.

- Expertise in working with messaging systems such as **Kafka** and **Kafka** Event Sourcing. I have employed **Kafka** to build topics and subsequently store data in **MongoDB** for Big Data storage, utilizing **Microservices**.
- Utilized **Log4j** for logging and ability to screen logs in **Splunk** and **AWS CLoud Watch**.
- Experience in working with **Agile**, **Rational Unified Process** (**RUP**) and **Waterfall** methodologies.

Technical Expertise:

Languages	C, Java, C#, Javascript, Python, PL/SQL, Kotlin
Enterprise Java	Java8, J2EE, Spring, JSP, Servlet, JDBC, JPA
WebTechnologies	XML, HTML5, CSS3, XHTML, XML Schema DHTML, JSON RPC,AJAX, jQuery, WebSocket, Knockout JS, React, React js, AngularJS & 2+, Typescript, jQuery, AJAX, JSON, XSL, XSLT, SED,DTD.
Frameworks	Spring, Spring MVC, Spring IOC, Spring Boot,
Web services	RESTful ,SOAP Web services
Architectures	EJB, Multi-Tier Enterprise Application, JDBC, Extreme Programming (XP) and Continuous Integration (CI)
Web Servers	Apache Tomcat, Web Logic, Web Sphere, Node.JS
Frameworks	Struts, JSF, Hibernate, Spring, Junit
Database	Oracle, MySQL server, SSMS, PostgreSQL, DynamoDB, MongoDB, Apache Cassandra
IDE	Eclipse, STS, IntelliJ, Visual-studio
Software Methodology	Agile - Scrum, WaterfallPostgreSQL
Build Tool	Maven, Gradle, Ant 1.9, Docker Hub, Jenkins, Kubernetes
Testing Tools	JUnit, Mockito, Selenium.
Version Control	GIT, Gitlab, Bit Bucket

Professional Experience:

Client: Health Net, CA   **Jan 2022 - Till Date**

Role: Senior Java Full Stack Developer

Responsibilities:

- Proficient in **Agile methodology**, I have experience in all phases of **SDLC**, including designing use case diagrams, class diagrams, and sequence diagrams as a part of the Design phase and also included iterative application development, weekly sprints, standup meetings, followed ADO for tracking process and streamlining Agile planning.
- Used **Java 8** Lambda expressions for array operations, collections, and Enhanced Concurrency methods throughout the application for well-defined programming and also used Date and time **API** which provided a comprehensive and intuitive way to handle date and time related operations.
- Used the following Front-end programming **HTML5, CSS3, JavaScript, JQuery, Ajax, JSON, Angular 10, XML, SASS** and **Bootstrap 3+** for developing a web application and also for creating a User Interface layout.
- Used **Angular 9** tools and **TypeScript** to implement responsive, mobile-first and adaptable design principles. I created a Component - based architecture in **Angular 9** to create services and components using **TypeScript** which can be used again and again.
- Used **Angular 10** and **TypeScript** for the front end and **Node JS** and **PostgreSQL** for the back end of a single-page application (SPA) project and also used **Protractor** to perform **End to End** testing for SPA.
- Implemented **Angular 9** router to enable navigation from one view to another and created **Angular 9** services to communicate with the backend API and serve components.
- Developed UI components using **Angular** dependency Injection, Models, data binding, controllers, filters and **HTTP** request.
- Responsible for retrieving data from web servers using **HTTP** requests, and analyzing **JSON** data to present it in the user interface.
- Used **Spring MVC, Spring AOP, Spring IOC, Spring JPA and Hibernate** to establish the connection with Database for stored Procedures using beans and annotations.
- Utilized **Spring AOP** and dependency injection extensively in the project, while also implementing **Spring MVC** flow to interact with different modules.
- **Spring Inheritance**, **Core container**, **Security**, **AOP**, and **Spring Quartz** were frequently used to create reports and send emails to customers during the scheduled times.AWS
- Used **Spring Boot** to create a weakly coupled architecture, to create **Microservices** in the application and developed **REST** services with **Spring JPA**, extensively created the **JUnit, TestNG** framework for the project.
- The **Spring Circuit breaker** pattern was put into action and the **Hystrix Dashboard** was incorporated to monitor **Spring Microservices**.
- Used **Hibernate** as a tool for mapping objects to relational databases to ensure persistence of data in the backend.
- Developed DAO's and Business Objects (POJOs) to interact with the database using **Hibernate**.
- **Amazon Web Services (AWS)** were utilized for deploying the code which included services like EC2, S3, cloud watch and Elastic Beanstalk.
- Using the **AWS** admin console, we put **Docker** with Spring Boot microservices into the **AWS EC2** container service and used lambda to run applications in the **AWS** console.
- Created **Docker** file for building **Docker images** and utilized **Docker** containers to deploy the apps as part of using **Microservices** to scale the apps and make them more isolated.

- Based on Proof of Concepts (**POC**), we have provided a lot of new solutions on new technologies to deploy on **Kubernetes** clusters for IOT environments.
- Successfully deployed a **Kubernetes** infrastructure, ensuring high availability, load balanceable and auto-scaling capabilities for microservice container orchestration in a prod environment.
- Worked with **Kafka Cluster** using **ZooKeeper**.
- Developed applications utilizing Rule Engines-**Jboss** Drools 4.x,Work flows, Human tasks to implement Business rules and validations.
- Updated the **Swagger** files to set up the definition objects or parameters of service end points.
- Participated in the transition of **TIBCO SOAP** services to Java **REST**/**JSON APIs**.
- Worked on **Swagger API** and auto-generated documentation for **REST** calls.
- Worked in conceptualizing ideas related to **MongoDB** databases, including locking mechanisms, transactions, indexes, replication and designing schemas.
- Responsible for implementing queries to the backend **MongoDB** database, involvement included utilizing an **HTTP** service to retrieve **JSON** contracts.
- Configured **Log4j**, log files, and **GIT** for version control and **Maven** to compile the scripts.
- Created test cases and a test suite using **JUnit** in Intellij.
- Utilized WTP tool plugin in Intellij IDE which is deployed as a separate application using **Maven** scripts.
- Used **JIRA** and **Rally** to manage projects, keep track of issues, and look for and fix errors.
- Involved in continuous integration by generating builds across multiple platforms using **Jenkins**.
- Experience of successfully project delivery in a true **Agile** environment, complete end to end.

Environment: Java 11, Spring, Spring boot, Spring MVC, Hibernate, Java Script, TypeScript, RESTful, Microservices, Maven, JSON, JUnit, Angular, AWS, Docker, Jenkins, Kubernetes, Agile Methodology, Intellij, GIT, MongoDB, Log4j, MongoDB, Swagger, JIRA, Kafka, WebLogic Application Server.

Client: Comcast, PA   **Aug 2020 - Dec 2021**

Role: Java Full Stack Developer

Responsibilities:

- Developed controllers, services, business models, DAO's for various modules with web stores.
- Used **Java 8** Stream API feature to provide a declarative way for processing collections of data and to perform operations like filtering, mapping and to reduce data sets in an efficient manner.
- Utilized **Spring ORM**, **Hibernate**, and **Spring Boot** to create DAO for efficient data access.
- Created database persistence layer components that can map an object-oriented domain model to the relational database using **ORM** framework such as Spring **JDBC Support**, **Hibernate** and **JPA**.
- Responsible for updating data in the user interface, **AJAX** calls were used in conjunction with **JSON** data parsing.
- Utilized **GraphQL** to create backend single end point APIs that serve data for the entire application.
- **GraphQL** schema and queries were created to interact with the **MongoDB** database.
- Expertise in **React Js** to create interactive user interfaces that utilize One-way data flow, Virtual DOM, JSX, **React** Native concepts.
- Maintained the communication between Parent and Child components by using Props in **React Js**. Created a dynamic and interactive UI using **JQuery**, **Bootstrap** and **React Js**.
- Created a browser-based program using **React Js**, **Spring MVC**, and the **Hibernate** framework with **SQL-Server** integration.

- Developed a web-based application using java **Oracle database** that facilitates the process of customer quote service ordering.
- Data extraction skills using **SQL** loader and **Oracle** Utilities
- Designed and developed various modules of the application with **J2EE** design architecture, frameworks like **Spring MVC** architecture, Angular 9.0.
- Designed and constructed personalized message adapter components with **Apache Kafka** which enables the messages to move through **Microservices** based on **RESTful API** using **Spring Boot** and **Spring MVC**.
- Used **NPM** to install necessary node modules and other published **Angular NPM modules**.
- Created and configured **Microservices** and integrated with Angular application.
- Created and executed an enhanced development platform by conducting proof of concept using frameworks like **Node JS**, **NPM**.
- Worked Extensively with **Angular CLI** to develop various elements such as components, Services, pipes, Directives.
- Developed POC to create a user interface in **Angular 8.0** for developers, Presentation as a Service.
- Used the **Redux** framework as a core dependency to apply the flux pattern..
- Used **Redux** Async actions to make the app completely asynchronous.
- Developed **HTML 5**, **CSS 3**, and **JavaScript** code that works across different browsers and platforms and matches the design specifications for intricate page layouts while adhering to code standards.
- Responsible for processing **JSON** data to and from the server for project display and storage.
- Developed web services that follow **REST** architecture and these services were responsible for serving data in **JSON** format to the front-end application.
- Did work on iterative data validation and processing using the Scala language on **Spark**.
- Extensively Worked on CSS Background, CSS Positioning, CSS Text, CSS Border, CSS Margin, CSS Sprites, CSS Padding, CSS Table, Pseudo Elements & Classes, and CSS Behaviors in CSS.
- Developed web services **SOAP, WSDL** and web services clients using **JAX-B and XML**, implemented SOA architecture.
- Created a client for consuming **JSON** messages using **Spring Boot** configuration specifically for **RESTful** web services.
- Experience in configuring and deploying applications on **WebSphere, WebLogic, Apache Tomcat and Jboss.**
- Used various **Bootstrap** components like accordion, date picker, time picker, alert, buttons, modal and Verizon standard V3-library for various components.
- Used validators, converters, **jQuery** and **JavaScript** inbuilt functions in the application for validation.
- Used singleton and factory design patterns to implement functionality that was commonly used within the application.
- Responsible for transferring web services from a shared Java environment to the **PCF** cloud platform.
- **Jenkins** was configured to handle application deployment in the **Pivotal Cloud Foundry (PCF)** server and to integrate with **GitHub** Version Control.
- Updated build and deployment scripts using **Gradle** as build tool in **Jenkins** to move from one environment to another environment.
- Utilized launch configurations and cloud formation templates to automate the provisioning of **AWS** resources for applications and Used **AWS** for project build/test/deployment, logging.
- Used **REST APIs** to retrieve JSON data and display it using JavaScript Objects.
- Used Mockito and **JUnit** for unit and integration testing.

- Used **JIRA** to keep track of bugs and improve productivity and communication by reducing downtime.
- Adopted **Agile Methodology**, this includes daily standup, bi-weekly code review meetings with QE. The team adopted Agile methodology, which involved daily standup meetings and bi-weekly code review sessions with QE.
- Working with an offshore team,providing assistance for the production release, and planning the sprint.

Environments: Java 1.8, J2EE, Spring, Spring boot, Spring MVC, Spring ORM, Hibernate, Microservices, JavaScript, React JS, XML, SOAP, WSDL, JAX-B, REST, Gradle, Jenkins, JSON, jQuery, JUnit, Bootstrap, AWS, Agile Methodology, Eclipse, GIT, MongoDB, Log4j, PL/SQL, STS, APache Tomcat Server.

Client: Huawei Technologies, India   **April 2018 - June 2020**

Role: Java Software Developer

Responsibilities:

- Involved in the **Agile** standup meetings and scrum.
- We used **RESTful** webservice to rewrite the existing legacy application.
- Testing the existing legacy application response and designing new RESTFUL APIs to achieve new responses with the same functionality.
- Created restful endpoint using **Jersey** and **JAX-RS**.
- Built **Angular 5** components, UI services to consume rest services using Component based architecture provided by **Angular**.
- Developed a robust **Single Page Application** and a highly adaptable Web Application with **Angular 5.**
- Implemented latest **ECMASCRIPT6** (ES6) functionalities such as arrow functions, constants, block-scope variables, and class inheritance etc.
- Utilized **Protractor** provided by angular for carrying out end-to-end(e2e) testing.
- My experience involves developing custom **directives**, **decorators**, and **services** that can interact with both **RESTful** and **SOA** services.
- Developed stored procedures, functions, SQL, NOSQL queries and backend programs using **Oracle** database and tools such as **TOAD** and **SQL developer**.
- Developed the application using **Spring Boot** Framework and managed the security aspects using **Spring Security**.
- Used **Spring Security** with **Thymeleaf** to secure some content from displaying and also used **Thymeleaf** templates for creating web applications using **Spring Boot**.
- Worked with version control system **Git** to manage the code repository.
- With Jenkins, engaged in the process of building and testing our software projects.
- Used **postman** to test the endpoints and test the API response along with the functionality testing.
- Implemented **Git** branching and merging techniques to ensure user and feature isolation at branch level for enabling easy rollbacks.
- Worked on various modules of spring such as **Spring Boot, Spring Core, Spring AOP** and **Spring MVC,** etc.
- Used **Docker** for providing **RESTful API** to enable a remote API on the **Docker** container in order to build and modify the docker image in the harbor.
- To ensure that the application is properly tested and validated, I have utilized **JUnit** and **Mockito** frameworks for writing tests in **TDD** and **CICD** environments.

- Good experience in solving **SonarQube** issues to maintain proper code quality. Used sonar lint plugin for this.
- Implemented good coding practices in **Java 8** by utilizing functional programming concepts such as streams, lambdas and other functional programming concepts.

Environment: Java 8, J2EE, REST, Spring 4.0, JSP, JBoss, Eclipse Oxygen/IntelliJ/STS, Junit, Jenkins, SonarQube, Slack, Windows 7, Git, Postman, Angular 5.0/8.0

Client: Impiger Technologies, India   **Feb 2016 - March 2018**

Role: Java Software Developer

Responsibilities:

- Involved in analysis, evaluation, testing and debugging documents and implementing moderately complex software applications.
- Modified procedures to solve complex problems considering computer equipment capacity and limitations, operating time, and form of desired results.
- Implemented Agile development process.
- Designed User Interfaces using **JSP** and **HTML**.
- Responsible for validation of Client Interface **HTML** pages using **JavaScript** and **jQuery**.
- Created user interfaces and server-side scripts utilizing **HTML**, **DHTML**, **CSS** and **JSP**.
- Developed user interface using **JSPs** and **HTML**, **CSS**, and **JavaScript**.
- Involved in different phases of Software Development Life Cycle such as Requirement Analysis, Design and Development. Developed the application using WASD.
- Effective designing of Flex UI components and also created and customized Flex components with unique skins.
- Updated user interfaces for applications with the latest Front-end technologies.
- Implemented, integrated, and maintained the client server and web related applications.
- Designed, implemented, and tested networking applications using **J2EE**, **Spring**, **Hibernate**, **Maven**, **Tomcat** .
- Experienced in creating build scripts using **Maven** and unit testing with **JUnit**.
- Implemented the project using **SOAP Web Services**, **WSDL**, **UDDI**, and **JPA**.**SOAP** is also used to communicate with other systems by using Apache Axis.
- Exposure to **Oracle** database with **JDBC** drivers in developing applications using **SQL** and Stored Procedures (**PL/SQL**) database techniques.
- Applied the Singleton, factory design pattern, DAO design Patterns to meet the specific needs of the application.
- Used **GIT** as Version Control System for the application.
- Designed and developed base framework classes, common reusable components.

Environment: JDK 1.7, J2EE, HTML, DHTML, CSS, JSP, JavaScript, jQuery, Spring, Hibernate, Maven, Tomcat, JUnit, SOAP, WSDL, UDDI, JPA, JDBC, Oracle 11g, PL/SQL, Agile, GIT, SVN.