Name: Mohammed Md

Email: Sha409995@gmail.com

Phone: (213) 537-6179

Mission-driven Java developer with a passion for each line of code I write.

SUMMARY

- 8+ years of experience in object oriented programming analysis with extensive full Software Development Life Cycle (SDLC) experience in Application Software Specifications, Design, Development, Testing and Debugging, Maintenance. Strong Technical expertise in Java / J2EE Technologies **Java, JSP, Servlets, Spring , Spring DAO, Spring MVC, Spring IOC, Hibernate .**

- Expertise in ORM tools **Hibernate**, iBATIS, with JPA specifications, HQL, Caching, ACID transaction, Locking and implemented ODM framework like Mongoose for mapping **MongoDB**.

- Hands on experience in the implementation of Core **Java SE 8** concepts like Streams API, Lambda functions, Generics, Time API, Functional Interfaces **Multithreading**, Transaction Management, Exception Handling and Collection API.

- Proficient in implementation of spring frameworks like **Spring** MVC, Spring IOC, Spring REST, Spring AOP, Spring transaction Management, Spring Data, Spring DAO, Spring Batch, Spring Security and Spring Boot.

- Experience in using various **JavaScript** Web application related libraries such as Node Js, Backbone.js, Require.js, Knockout, **Angular.js, React.js, JQuery** UI and Google Web Toolkit.

- Strong experience using frameworks like JSP, EJB, Java Persistence API, JNDI, JMS, Struts, JSF in developing scalable, reliable, efficient web and enterprise applications.

- Expertise in developing **Microservices** using Spring Boot and **Node JS**to build more physically separated modular applications which will improve scalability, Availability, Agility of application

- Good experience in developing SOA (Service Oriented Architecture) and **Microservices** architecture using J2EE Web Services based on Restful (JAX-RS), SOAP (JAX-WS), JAX-RPC and JAXR (Java API for XML Registries) using frameworks like Apache CXF, Jersey, Axis and Spring framework, **NodeJS** (Express JS &Hapi JS).

- Hands on Experience in working with Databases MYSQL, Oracle 10g/11g, SQL-Server, DB2 and **NoSQL (MongoDB, Cassandra)Dynamo DB, Couch DB.**

- Experience in Microservices Architecture with Spring Boot and Docker.

- . Design and implement a Web based content management utilizing XML, JAXB, DOM, XSLT, XPath, and JavaScript for data generation and presentation with JSF.

- Developed multiple Angular components which are compatible with latest versions of typescript, Angular CLI.
- Developed front-end using **React JS**, JQuery, HTML and High Charts based on MVC architecture.
- Strong experience in developing Single Page Application(SPA), using MEAN (Mongo, Express, Angular ,Node) stack.
- Hands on experience in developing server-side JavaScript frameworks using Node JS (Hapi JS, Express JS) to build event driven, non-blocking i/o model web application
- Experience in integration tools like Spring Integration, Apache CXF, **Apache Kafka** and **Apache Camel** to integrate the enterprise application technologies with existing JVM environment.
- Experience in using various **Amazon Web Services (AWS)** like EC2 for virtual servers, S3 and Glacier for storing objects, Elastic Beanstalk, Elastic Cache and Dynamo DB for Elastic load balancing, storing data.
- Implemented **Docker container** service, build pipe line like Jenkins, Bamboo andGoCD for Continuous Integration and Continuous Deployment that can run on the cloud or on-premises
- Hands on experience with build tools like ANT, Maven, Gradle and logging tools like Log4J.
- Expertise in unit-testing with tools like JUnit, Mockito, Spock, TestNgandIntegration testing tools like Selenium Web Driver, Cucumber (Behavior Driven Development testing).
- Used Kubernetes Linux container for deploying and scaling containerized applications.
- Experience in using Drools rules engine for defining business rules and Validations.
- Strong knowledge on JavaScript Unit testing with Jasmin, Karma, Protractor for Angular JS, Mocha and Chai React JS and Backbone JS
- Experience with testing tools like **Selenium** and build tool like **Jenkins.**

Project Work:

Client: First Republic Bank, San Francisco, CA	Jan 20– Till Date
Role : Sr. Java Fullstack Developer	

Role and Responsibilities:
- Involved in the development using Java/J2EE Technologies, Web Services and **Hibernate** ORM Framework.
- Designed and developed Microservices using **REST framework** and **Spring Boot** and used **Bootstrap** along with **AngularJS** in creating the Application. Actively involved in Analysis, Design, Development, System Testing and User Acceptance Testing. Successfully followed agile methodology in the Scrum Cycle model.

- Experience in **java8** features like Parallel Streams, functional interfaces and filters.
- Developed the responsive UI web pages using **XHTML, jQuery, HTML5, CSS3, Angular JS 2, JavaScript, node JS** and has worked with Angular JS filters in expressions and directives to filter data in the UI.
- Worked in all the modules of the application which involved front-end presentation logic developed using, **JSP and Java Script**, Middleware layer using **Servlet** and Controllers, Business objects developed using Page Beans and data access layer using iBatis and **Hibernate framework.**
- **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.
- Experience on AWS Deploying, managing and operating scalable, highly available, and fault tolerant systems and managed continuous delivery systems and methodologies on AWS.
- AWS S3 is used to store customer's monthly credit statements.
- Experience in data structures, algorithms, and object-oriented programmingWrote programs including sorting algorithms, timer functions, logic for image cropping.
- Involved in Requirements gathering, development if required, integrating and testing for enabling SSO for the application.
- Expertise in Spring Framework, including IoC, AOP, DAO Support/ ORM, Spring MVC, **Spring Security**, Spring Integration, and Spring Cache.
- Integrated **Spring Security** with JDBC to manage user registration and login.
- Implement user authorities' management with **Spring Security.**
- Developed a microservice that extracts data from PostgreSQL and generates a flat file and sends to AWS S3.
- Creation, enhancement, and maintenance of PostgreSQL database functions, including reflection of CRUD operations for the object model.
- Experience in working with Oracle, MySQL and PostgreSQL.
- Along with experience in Data Structures, Multithreading and have worked on search techniques and algorithms.
- Enhanced several **microservices** with the ElasticSearch API to improve the performance of the application.
- Implemented **Micro services using Spring Boot, Spring Cloud, Spring Micro services**
- We used Docker which was responsible for regularly and successfully deploying to a cloud server.
- Developed Realtime data processing applications using **Python** & implemented Apache Spark Streaming from Kafka.

- Used **Spring framework** including Spring core/IoC, Spring Web, **Spring Security** and implement the authentication, authorization, and access-control features by using **Spring Security.**
- Converted the code base to use modern **ECMAScript (ES6 / ES7)** and Web pack as a module loader and used along with Angular CLI.
- Created Jenkins jobs and pipelines and integrated python scripts to communicate to AWS resources
- Used **React JS** for templating for faster compilation and developing reusable components.
- Used **Spring Inversion of Control (IoC)** for injecting the beans and reduced the coupling between the classes and implemented the Model View Controller using **Spring MVC**.
- Used **NodeJS** for doing non-blocking design operation for server side code and Angular.js framework in developing various UI components.
- Implemented the application using **SpringBoot Framework** and handled the security using Spring Security.
- Microservices have been built using **spring boot**, Netflix OSS, spring cloud and deploying to **AWS Cloud.**
- Application and developed cross browser and multi browser compatible web pages using **HTML5, CSS3, Bootstrap.**
- Implemented code according to create AngularJS Controller, which isolate scopes perform operations.
- Wrote custom **JavaScript** utilizing jQuery to enhance theme, setup server to handle more number of page requests.
- Implemented **REST** based web services using **JAX-RS** annotations, Jersey provider and consumed using **HTTP services** from **angular JS** modules.
- Used Bootstrap and Angular JS, **React.js** and Node.js in effective web design.
- Enhanced application performance by Angular 6 Component based development in view of future Angular framework transitions.
- Experience in developing Applications using React JS, Redux, Angular 2/4, Typescript, ECMA Script 2015/ES6
- Setting up **Angular 7** framework for UI development. Developed html views with HTML5, CSS, JQuery, JSON, Java Script.
- Responsible for setting up **AngularJS framework** for UI development.
- Used SpringBoot which is radically faster in building cloud Microservices and develop spring based application with very less configuration.
- Implemented ODBC which is used for connecting to the database Oracle.
- Used **Spring**framework to provide loose coupling between different application modules.

- Developed **Hibernate** with **Spring** Integration as the data abstraction to interact with the database of **MongoDB.**
- Used Microservices to communicate using synchronous protocols **HTTP and REST** for implementing SOA.
- Worked with **NoSQL** database **Mongo DB** and worked with it to perform many different operations.
- Used Cassandra for achieving denormalization through features like collections.
- Developed unit tests with **JUNIT and Mockito**. Write automated regression tests using **JMeter.**
- Developed build tasks to run the unit tests on **Jenkins** and maintaining separate build in Maven for the module for easy integration to the portal build and configure with Jenkins.
- Expertise in unit-testing with tools like JUnit, Mockito, Spock, Test NgandIntegration testing tools like Selenium Web Driver, Cucumber (Behavior Driven Development testing).
- Wrote Jasmine unit tests using Karma to verify **AngularJS** modules and JavaScript utility routines.
- Developing Applications using latest Java/J2EE technologies such as Cassandra, **Java 8**, Junit, Cucumber.
- Message broker services are achieved in the application using Active MQ with JMS framework.
- Worked on UI for Layered Security and S&L modules and hands on experience with Spark streaming to receive real time data using **Kafka.**
- Focused on Test Driven Development; thereby creating detailed Unit tests for every single piece of functionality before actually writing the functionality.
- Cloud Foundry is the leading multi-cloud application development and deployment platform and it supports continuous integration.
- Used **Rational Application Developer (RAD),** which is based on **Eclipse,** to develop and debug application code.
- Used **Apache Maven** for project management and building the application.
- Used **Cucumber and Selenium** for Behavioral and Integration testing respectively.
- Automated build scripts using Ant, Maven for Java and J2EE Applications, make for C, C++ **Environment::** Java 1.8 , Spring MVC, Hibernate, JSP, AJAX, SOA, Web Services, Microservices, XML, , NodeJS, JQuery, JavaScript, IBM RAD, Websphere, Maven, Cassandra, MongoDB, JUnit, Unit, XSLT, HTML/DHTML, JENKINS,Kafka.

Client: Ernst & Young, Alpharetta-GA

Feb 18 – Dec 19

Role : Sr. Java Fullstack Developer

Role and Responsibilities:

- Used **Java8** features in developing the code like Lambda expressions, creating resource classes, fetching documents from database.
- Designed and implemented the user interface using **HTML5, CSS3, JavaScript and Angular JS.**
- Developed **Hibernate** mapping files using different mapping strategies such as table per class hierarchy and also used Hibernate Persistence Strategy to interact with database.
- Implemented filters for user authentication and user authorization by **Spring Security**
- Involved in **Code Refactoring**
- **AWS** EC2 instances were configured in developing and QA environments with NodeJS
- Used AJAX and JSON to make asynchronous calls to the project server to fetch data on the fly.
- Developed a tool to retrieve and send data to third party service provider this feature was implemented using **REST.**
- Created Buckets in **AWS** and stored files. Enabled Versioning and security for files stored
- Used RESTFUL client to interact with the services by providing the RESTFUL URL mapping
- Built **MAVEN** scripts for automated deployment and for the build operation of the entire application.
- Deployed the application in WebSphere Application Server 6.0.1 and Configured **JMS** in the WebSphere application server to send messages on the queue.
- Expertise in developing UI based GUIs using HTML5, DHTML, JavaScript, **Angular** , XML, DOJO, AJAX, JSF, JSP & spring form tags.
- Developed Spring based services which listen to Spring Integration HTTP Endpoint for events and Implemented WCAG
- Responsible for developing applications for improving the platform performance doing automated backups using an XML configuration file for the client's projects running on the platform which supports multiple DBMS vendors Oracle, MySQL and PostgreSQL.
- Apache Camel's AWS component is used to upload documents to S3.
- **Spring** Controllers were used with Angular JS to route the control to desired Java services.
- Implemented scripting with Ajax and XML to dynamically refresh the page contents.
- Developed Controller for request, response paradigm by Spring Controllers using **Spring-MVC**. Used JSON as response type in REST services.
- Developed data transformer for converting legacy data from Source tables to avro format and fed into Kafka using Camel.
- Developed various helper classes needed following Core Java multi-threaded programming and Collection classes.
- Used multithreading in programming to improve overall performance.

- Migrating existing application into micro services architecture using Rest APIs, spring boot, **Spring Cloud**.
- Implemented REST Microservices using spring boot. Generated Metrics with method level granularity and Persistence using Spring AOP and Spring Actuator.
- Developed Microservices using Spring MVC, Spring Boot, and Spring Cloud.
- Used Microservices architecture, with SpringBoot based services interacting through a combination of REST and SpringBoot.
- Deployed Spring Boot based microservices in Docker and Amazon EC2 container using Jenkins
- Developed core Java programs for all business rules and workflows using **spring framework**.
- Designed and developed Restful service interface using **Spring** MVC to the underlying customer event API. Involved in building Restful Web services using JAX-RSAPI.
- Worked on Cloud implementation by installing, building, deploying applications using Cloud Foundry and using AWS.
- Developed Rest APIs in **Spring boot.**
- Developed Hibernate with SpringIntegration as the data abstraction to interact with the database of **MongoDB.**
- Synchronize data with server using SASS, JavaScript, Bootstrap, and Angular.js.
- Experienced in build tools like **Ant, Maven, Gradle** and using them with **continuous integration** tools like Jenkins to create and publish application artifacts
- Application development experience using Multithreading, Collection framework and Core Java, Spring, Hibernate, Sql server.
- Migrated the current Linux environment to **AWS** Linux environment and used auto scaling feature and Involved in Remediation and patching of Unix/Linux Servers.
- Developed Single page applications and Custom Directives using **Angular**
- Used **ReactJS** in components like JSX, creating React components, Virtual components etc.
- Created custom Plugins, templates, and functions for Angular JS application.
- Implemented Hibernate for data persistence and management.
- Analyzed and fixed issues related to REST Web services and Application responses.
- Used Maven as the build tool and Tortoise **SVN** as the Source version controller.
- Used Subversion (SVN) as the configuration management tool to manage the code repository.
- Performed unit testing using JUnit.
- Currently redesigning site with everything from contact page to landing page all using **ReactJS**
- Developed different modules using Java**, Apache Camel**, Spring and Hibernate.
- Followed Agile Scrum methodology and used **TDD** for writing test cases.
- Used NPM to manager server side packages.

Environment: Java 8, J2EE, Spring , Hibernate, AJAX, Oracle 11g, Web Services, AWS, Agile, REST, XML, SOA, WebSphere, JavaScript, Angular JS, NodeJS, Bootstrap, JQuery, JBOSS, JUnit, GITHub, SQL, MongoDB ,ReactJS,JMS, HTML5, JSP, Apache Camel , Maven and SVN.

Client: Molina Health Care, Herndon, VA

June 16 – Dec 17

Role :Sr. Java/J2EE Developer

Role and Responsibilities:

- Design and implemented the backend layer using **Hibernate.**Involved in multi-tiered **J2EE** design utilizing Spring Inversion of Control (IOC) architecture and Hibernate.
- Used **Spring Framework for Dependency injection and integrated with the EJB 3.0** using annotations.
- Generated **Hibernate XML** files for the configured beans. The business logic was written in **EJB DAOclasses** and the service layer classes were configured in Spring-service.xml.
- Configured **spring** managed beans and their scopes.
- Involved in developing front end screens using **JSP, JSTL, DHTML, HTML, CSS, AJAX, JavaScript.**
- Made use of content negotiation (**XML, JSON, text/plain**) using **JAXB, GSON, Jackson, and XStream.**
- Extensively used **JMX API** for management and monitoring solutions.
- Developed Web services to allow communication between applications through **SOAP over HTTP using Apache Axis2.**
- Implemented **Hibernate** for data persistence in Workflow screens. Used **RAD6, WSAD as IDE** for development of the application. Worked with **Weblogic, Tomcat** as the application servers and **JMS** as the message Server.
- Developed **RESTful** services using **Jersey, JAX-RS and Restlet** to call third party vendors
- Developed the automation environment for build, deployment, and configuration of Portlets onto the IBM **websphere portal server** using **ANT scripts, XML Access scripts and JACL scripts.**
- Implemented services that would route messages to different **JMS queues** based on message properties. These messages would be picked up by the appropriate **ESB** service which would in turn call the third party partner web services (both **RESTful and SOAP**).
- Used MQ series to send, receive and read the messages and also Created Queues.
- Configured and built **Spring MVC** application on Tomcat web server.
- Worked on **UNIX Shell scripts and Cron jobs.**
- Implemented **junit tests** and mandated 90% min. code coverage.

- Designed builds which can grow and support builds using **Gradle.**
- Implemented transaction management for ORM project using Spring Transaction Management API.
- Created and built project using **Maven**.
- Created Stored Procedures and other **SQL scripts using PL-SQL.**
- Implemented logging using **log4j and Spring AOP.**
- Implemented various cross-project functionalities using **Spring AOP.**
- Configuring the service on **Weblogic/WASapplication server** for successful deployment

Environment:, JSP, JSF, Spring, Servlet, Hibernate, JMS, JCA, JMX, XML, CSS, XML Schema, AJAX (JQUERY, AJAX), JSON, DOM, JAXB, , JAX-RPC , SOAP, Java script, PL/SQL, D/HTML, XHTML, Maven, Log4j, JUnit, Weblogic , Oracle

Client: Ford Motors, Dearborn, MI

Sep 14 – May 16

Role :Sr. Java/J2EE Developer

Role and Responsibilities:

- Responsible for analysis, design, development and integration of UI components with backend using **J2EE technologies** such as **Servlets, Java Beans and JSP**.
- Functionalities include writing code in HTML, CSS, JavaScript, **J-Query, Ajax, JSON, AngularJS**, and **Bootstrap** with MySQL database as the backend.
- Using Technologies like **SOAP, WSDL and UDDI** based Web Services.
- Developed **Hibernate** in Data Access Layer to access and update information in the database.
- Used **SAML** for **SSO** login to access the web service provided and OAuth for authorizing the user to the application.
- Implemented RESTFULwebservicesAPI using HTTP and REST principles
- Used bootstrap and angular.js in effective web design.
- Used Angular-JS HTTP to retrieve data through Web API from entity frame work
- Designed the workflow, system architecture, drawing sequence diagrams, activity diagrams, class diagrams, **HTML** pages, database schema and tables.
- Writing **JSP's for user interfaces, JSP's uses Java Beans** objects to produce responses.
- Involved in Tomcat server configuration for deployment.
- Used **Hibernate** to persist and retrieve data from database.
- Wrote JAVA Servlets that generates dynamic VXML.
- Used **JUnit framework** for Unit testing of application.
- Used **log4j 1.2** to log different types of messages to write on to the proprietary log model.

- Use Case, Class, Sequence diagrams and also in complete development, testing and maintenance process of the application
- Store persistent **JMS messages** or temporarily store messages sent using the store-and-forward feature.
- Involved in testing **the XML files** and checked whether data is parsed and loaded to staging tables.
- Store persistent **JMS** messages or temporarily store messages sent using the store-and-forward feature.

Environment: Java, J2EE, Struts, Spring, Hibernate, JSP, Servlet, XML Schema, SOAP, Javascript, PL/SQL, DHTML, XHTML, Ant , Log4j, JUnit, Weblogic, Oracle 11g, Wsdl, IBM Rational rose, Maven.

Client:Value Labs ,India   **May 13 – July 2014**
Role :Java Developer

Role and Responsibilities:
- Involved in Design, Development, Testing and Integration of the application.
- Implemented the Consolidated applications front-end pages using **JSP, JSTL, and Struts Tag Libraries.**
- Involved in developing UI layer using **JavaScript, JQuery**, and AJAX.
- Developed using simple **Struts** Validation for validation of user input as per the business logic and initial data loading.
- Writing stored procedures, Packages, Views, Cursors, Functions and triggers using SQLin the back end.
- Used Hibernate for Object Relational Mapping (ORM) and data persistence.
- Created and implemented Oracle Stored Procedures, Functions, Triggers and complex queries using **SQL**.
- Worked with **Java Messaging Services (JMS)** for reliable and Asynchronous Communication.
- Used log4j for logging and SVN for version control.

Environment: Java, JSP, Struts , Spring , SOAP Web services, SOA, JavaScript, CSS, XML, JAXB XHTML, XSLT, JMS, MQ, Ajax, Hibernate , EJB, Log4j, Oracle 9i, Web Sphere ,Eclipse , UNIX.

Education: Bachelor's degree , India