Name: TARIQUE SHAIKH   <mark>C2C and CTH only</mark>

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Status: Green card

A dedicated and result-oriented IT professional possessing a passion for programming , developing well-designed and efficient code.

SUMMARY

- Around 7 years of IT experience in **Design, Development, Implementation and Testing** of applications using **Java/J2EE**. Experience in implementing **Java EE** design patterns such as **MVC, Singleton, Abstract Factory, Session Façade, DAO, DTO** and business Delegate in the development of Multi-Tier distributed Enterprise Applications.

- Extensive experience in **Core Java** concepts like **Exception Handling, Multi-Threading, Synchronization, Serialization, IO, Collections, Framework, Java Beans.**

- Experience in developing **Java/J2EE** applications using **JSP, JSF, Servlets, Struts, Spring, Hibernate, Webservices (SOAP, REST), XML, XSD, XSL and JNDI.**

- Experience with **Spring MVC, IOC, Spring JDBC, Spring JTA, Spring IO, Spring Boot, Spring Dashboard,**

  Spring Microservices.

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

- Experience in data structures, algorithms, and object-oriented programming

- Experience in **Spring Security** for **User Access Management** and **LDAP** configuration for authentication.

- Good knowledge of latest version of object oriented JavaScript Libraries like Angular.js, Node.JS, Backbone, Bootstrap, React.js, Handelbars, and Dojo toolkit..

- Experience with Test Driven Development (TDD) and Dockers and Node.js.

- Experienced in Middleware persistence frameworks like **Hibernate/JPA** for mapping java classes with database using HQL. Experienced in working on modern **MEAN** stack- **MongoDB, Express.JS, AngularJS and NodeJS**.

- Knowledge and experience in working with messaging brokers like **Apache Kafka, Active Mq, Rabbit Mq.**

- Developed SQL queries, procedures, Triggers and Stored Procedures in database such as **Oracle, DB2** and **MYSQL**.

- Built NoSQL schemas and maintaining sessions by MongoDB.

- Experienced in working with multiple databases like **Oracle 10/11g, MySQL, MongoDB**, **Cassandra** and involved in converting Cassandra/SQL queries to Spark transformation using Spark RDDs.

- Experience in developing Applications using React JS, Redux, Angular, Typescript, ECMA Script 2015/ES6.
- Hands on experience with **Dev-ops** tools like **Docker, Kubernetes, Jenkins (CI-CD)** and knowledge on **Chef, Puppet, Ansible**. Experience in creating rules using Business Rules Engines like **Drools, ILOG, JBPM**.
- Experience in using build tools like **ANT, GRADLE, MAVEN** to compile, package the components to application servers. Experienced in developing **UNIX** shell scripts for batch processing.
- Maintained the **Selenium** and JAVA automation code and resources in source controls like **GIT, CVS, SVN**.
- Experience in configuring and deploying the applications and messaging on **Tomcat, WebSphere, WebLogic** and **JBOSS**.

PROFFESIONAL EXPERIENCE:

Role: Sr. JAVA/J2EE FULL STACK DEVELOPER   Aug 2020 – present
Client: US Bank, Irving, TX
Responsibilities:
- Involved in Analysis, Design, and Development Production phases of the application .Used Spring Framework for Dependency injection and integrated with the JSF Framework and **Hibernate.**
- Experienced in using Spring annotations based on layer in applications like @Component, @Controller, @Service, @Repository , etc. annotations.
- Used **Microservices architecture**, with SpringBoot based services interacting through a combination of **REST and SpringBoot.**
- Developed presentation layer includes UI components, validations using HTML5, applying styles using CSS, used jQuery to make Ajax calls.
- Used JDK 1.8 for developing the application and made use of built in functional interfaces, lambda expressions and stream API for code refactoring.
- Implemented **Micro Service Architecture** using **Mongo DB**, **Angular** and **Node JS stack** and developed Single Page Applications (SPA).
- Developed Web Services to consume those Web Services as well other enterprise wide Web Services and **Micro web services.**
- Responsibilities include estimation and development of new modules using the AGILE process and pair programming
- Analyzed the business requirements and created use cases and prepared low and high level design documents.
- Developed Microservices using Spring MVC, Spring Boot, and Spring Cloud.
- Used **Spring actuator**-configuring **Spring Boot** application, monitoring and invoking **HTTP** endpoints.

- Implemented the application using **Spring Boot** Framework and handled the security using **Spring Security.** Used **XML Web Services** using **SOAP** to register agents using non-java application.
- Worked with **J2EE** design patterns in **MVC architecture** with **spring**.
- Involved in the integration of frameworks like **spring** and **Hibernate**.
- Developed POJO's, Data Access Object (DAO) which handles all database operations using **Hibernate**.
- Implemented the application using **SpringBoot** Framework and handled the security using Spring Security.
- Used **WSDL** file information for invoking **Web Services**.
- Wrote classes and interfaces for implementing business logic and validations to be used while workflow execution.
- Involved in building single page cross browser compatible applications using **Angular** (Angular Routing).
- Created the **Nodejs** server to build MVC framework from front-end side **Angular** to back-end **Oracle.**
- Development of internal dashboard applications using the Apache HTTP Server.
- Used Docker as CI/CD tool for integrating different code components.
- Developed entire frontend and backend modules using Python on Django Web Framework.
- Development of **DAO** layer using **Hibernate** Template, **JDBC** Template and Mongo Operations.
- Expertise in implementing application using **Multithreading, JSF, Struts, Struts Validations, Taglibs, Log4j, spring, Hibernate Frameworks, Apache Camel,** Apache Karaf .
- Implemented agent-server messaging dialog using **Camel** and **JMS** (Active MQ implementation)
- Part of the team migrated from WebLogic JMS to Active MQ.
- General form validation was done using ES6 closures for Widget-app module.
- **OAUTH 2.0** authentication frame work is used to provide security to Restful web services by generating access token in order to access protected resources.
- Built Web pages that are more user-interactive using AJAX, JavaScript, and ReactJS
- Designed and documented REST/HTTPAPIs, including JSON data formats and API versioning strategy.
- Created EC2, S3, SQS, Lambda instances using cloud formation Templates on **AWS**
- Implemented the framework to migrate Relational data to Non-relational data stores and to run performance tests against different NoSql vendors.
- Wrote **Kafka** producers to stream the data from external rest APIs to Kafka topics.
- Designed the Web application layout and forms using **HTML5,** CSS3, JavaScript, JSP, Jquery, and Bootstrap.
- Unix Shell Scripting was used for scheduling batch jobs.
- Working with Pivotal cloud foundry to deploy and run the applications through Jenkins

- Configured Docker container service and build pipe line. Handled all the port mapping/binding things that happen with **Dockers** and Containers.Implemented HTTP REST API using Node Js and express.
- Implementation of second level cache in **Hibernate**.
- Developed Ant Scripts for the build process and deployed in IBM WebSphere.
- Authentication and Authorization is implemented by **Spring Security.**
- Wrote build & deployment scripts using **Ant**, **Maven** on Unix environment.
- Developed unit test cases using Mockito framework for testing accuracy of code and logging is done using SLF4j + Log4j.
- Created Jenkins jobs and pipelines and integrated python scripts to communicate to AWS resources.
- Created Test Automation Framework with Cucumber
- Experience in using Drools rules engine for defining business rules and Validations.
- Experience with **Docker** images, Containers, push/pull with **Spring Boot**, used Jenkins for CICD.
- Involved in the deployment of the application using WebLogic Server.
- Used **GIT** for Version Controlling.

Environment: Java1.8, J2EE, JSP, SOAP, REST, Servlet, Spring, Hibernate, Angular , WebLogic, Oracle, XML, Java Script, CSS, HTML, Cassandra, Node Js, Json,JUnit4, Ant, Jenkins, Maven, Agile, Apache Camel.

Role: Sr. JAVA FULL STACK DEVELOPER Jan 2019 – Sep 2020
Client: CVS Healthcare, Scottsdale, AZ
Responsibilities:
- Experience working in **Agile** development following **SCRUM** process, Sprint and daily stand-up meetings.
- Developed applications using new features of **Java 1.8** like Annotations, Generics, enhanced for loops and Enums.
- Implemented **Micro Services** based Cloud Architecture using Spring Boot and implementation of Business Services using the Java8 and Spring Boot.
- Developed the application using J2EE Design Patterns like Business Delegate, Factory, Singleton, Session Facade, Service Locator and DAO and also implemented **JMS** API in J2EE
- Created arrange loop directive and components like **data binding**, **dependency injection** in **Angular.**
- Worked with advanced MVC framework such as **Spring-IOC, MVC** and Batch to implement backend functionality.
- Heavily used **Spring Inheritance, Auto Wiring, Core-Container, Security, ORM** modules as part of migration from EJB to Spring, **Spring Quartz** for scheduling tasks to generate reports.
- Developed Python batch processors to consume and produce various feeds.
- Implemented **SOA** to develop **Spring Restful** and implemented **Spring Eureka**, **Netflix, Ribbon.**
- Participated in coding **Spring AOP** components for the **Logging, Exception handling** and **Transactional** Models.

- Developed **Spring Boot** application with **microservices** and deployed in **AWS** using **EC2** instances.
- Used **Spring Boot** based services to interact through a combination of **REST** and **Apache Kafka** message brokers.
- Experienced in moving data from different sources **using Kafka producers, consumers and pre-process data using Storm topologies.**
- Used React JS for creating reusable UI components.
- Used **Angular Routing** for navigating between screens and developed several reusable directives.
- Developed API for using **AWS Lambda** to manage the servers and run the code in the AWS.
- Developed **Web API'S** using **Restful** web services which can be accessed from various tools and enable **CNC** employees to access information on member activities.
- Deployed Spring Boot based microservices in Docker and Amazon EC2 container using Jenkins
- Worked on the creation of custom **Docker** container images, tagging, pushing images, integration of **Spring Boot**.
- Used **Hibernate JPA, Object/Relational-Mapping** (ORM) solution, technique of mapping data representation from MVC model to Oracle Relational data model with SQL based schema.
- Used **Hibernate Transaction Management, Hibernate Batch Transactions** and **Hibernate cache concepts.**
- Hands on experience with **Cassandra** Installation, Configuring, Monitoring and Designing Shared Environment.
- Worked on **MongoDB** concepts such as locking, transactions, indexes, replications, schema design.
- Followed **Java and J2EE** design patterns like **Singleton, Service Locator, Session Façade, DAO** during development. Developed API for using **AWS Lambda** to manage the servers and run the code in the **AWS**.
- Performed configuration, deployment and support of cloud services including **Amazon Web Services (AWS).**
- Configured **AWS Identity and Access Management** (IAM) Groups and Users for improved login authentication.
- Utilized **AWS Lambda** platform to upload data into **AWS S3** buckets and to trigger other Lambda functions (Including EC2, MongoDB focusing on high-availability, fault tolerance, and auto-scaling).
- Developed applications using **Rule Engines Drools4.x, Work Flows**, Human tasks to implement business rules validations. Integrated the **JBPM** with the Spring Framework in the enterprise layer.
- Designed and implemented **Oracle 11g** database to record the collateral securities and settlement data.
- Wrote **SQL** queries, stored procedures and enhanced performance by running explain plans.

- Developed **Maven** scripts and developed builds using Maven and continuous integration servers like **Jenkins**.
- Experience with **JBoss** application server to deploy the applications and configure multiple data sources messaging.
- Jenkins and ANT scripts for automating the process of building, testing and deploying the system
- Executed test scripts using **Selenium web driver** and analyzed the test results and implemented navigation using Spring MVC controllers and configured controllers using Spring MVC annotations and configuration files.
- Worked with **GIT** as a version control tool in the project and done unit testing with **Junit** and **Mockito.**

Environment: Java 8, J2EE, Spring, Spring Boot, Spring Security, Hibernate, , HTML5, CSS 3, JavaScript, Jquery, JBoss, GIT, GitHub, Kafka, Apache Camel, , Docker, AWS, JUnit, Jenkins, MongoDB, Oracle

Role: Sr. JAVA/J2EE FULL STACK DEVELOPER   **July 2018 – Dec 2018**
Client: Aetna , Hartford, CT
Responsibilities:

- Involved in various **SDLC** phases like Requirement gathering, Design, Analysis, Code development and Deployment. Applied **Agile** Test Practices **SCRUM**, Scripted Test Cases for Test Driven Development TDD and developed test cases for story card based on Acceptance Test Driven Development ATDD.
- Active in coding some of the **Core Java** concepts such as collections, generics and **multi-threading**.
- Followed the best practices in coding like removing unnecessary casting, using generics in **Hash Map**, **caching**, Collections like sort, comparator, list, set and Design patterns. Developed Interactive web pages using **HTML5, CSS3 and JavaScript.** Develop various screens for the front end using **Angular JS** and used various predefined components from **Node NPM**.
- Developing web pages using **HTML5**, **CSS3**, **JavaScript** and used twitter **Bootstrap** for cross browser compatibility.
- Extensive experience with **AngularJS**, creating custom directives, decorators, and services to interface with both restful and legacy network services also **DOM** applications.
- Involved in implementing the complete Application in the in-build **MVC** Architecture with AngularJS. Used date-format and moment packages in **Nodejs** to save the timestamp in database converting into GMT.
- Created proof-of-concept using responsive web design Nodejs, HTML5, and CSS3.
- Implemented Multithreading, Concurrency, Exception Handling and Collections whenever necessary.
- Developed spring-based presentation layer, hibernate based **DAO** layer and integrated them using Spring Dependency injection, **ORM** and Web modules.

- Spring Transaction is used for the degree of isolation to work with other transactions and to execute within a transaction scope to run that transaction and used to check out before timing out of the transaction.
- Created AWS EBS volumes for storing application files for use with **AWS EC2** instances whenever they are mounted to them.
- Used **AWS** (**Amazon Web Services**) stack (Including EC2, Route53, S3, RDS, Dynamo DB, SNS, SQS, IAM) Deploying, managing and operating scalable, highly available, and fault tolerant systems.
- Used AWS **SDK** for connection to **Amazon S3 buckets** as it is used as the object storage service to store data.
- Extensively worked on JPA as persistence layer, involving EJB3.0 annotations.
- Spring Boot Micro services were developed with micro service architecture using **SOAP** and **Apache Camel**.
- Integrated configured Camel with **ActiveMQ** to use it as bus.
- Implemented a SOA compliant system working on various transactional messaging using Camel and used **Session BeansMessage Driven Beans**.
- Worked on **Jenkins** and **Docker** interactively and integrating together for end to end automation of builds and deployment.
- Configured the Hibernate configuration files to persist the data to the **Oracle** database.
- Created connections to database using Hibernate Session Factory, using **HibernateAPIs** to retrieve and store images to the database with Hibernate transaction control.
- Used **XML** Web Services using SOAP protocol to transfer the amount to other application that is remote and global to different financial institutions.
- Wrote code Web Services (**JAX-WS**) for external system via SOAP/HTTP call and to fetch data from web services via JSON response and updating HTML pages.
- Used **Log4j** framework to log/track application.

Environment: HTML, CSS, Bootstrap, AJAX, Multithreading, JavaScript, , Spring , Hibernate , Soap UI, Maven, SVN, JIRA, Web sphere, SOAP web service, Unix/Linux,Oracle.

Role: Sr. Java/J2EE Full Stack Developer   Oct 2017 – June 2018
Client:Walgreens, Chicago, IL
Responsibilities:

- Involved in various phases of **Software Development Life Cycle (SDLC)** of the application like Requirement gathering, Design, Analysis and Code development and Customization of the Application.
- Used **Spring** Inversion of Control (IOC) for injecting the beans and reduced the coupling between the classes. Implemented the Model View Controller using **Spring** MVC.
- Evaluated system performance and validated NoSQL solutions.
- Developed services that are reusable and interoperable, based on **SOAP, WSDL, JAXWS, JAXRPC**

- **Web services** by exchanging XML data between applications over HTTP.
- Used **JMS** for the asynchronous exchange of critical data and events among J2EE components. **Publisher-Subscriber** method was used for data loading and **Point-To-Point** method of **JMS** was used for event processing. Involved in writing **DAO, DTO's** using Hibernate DAO Support.
- Implemented persistence layer using **Hibernate** that uses the POJOs (which do not have the business processes) to represent the persistence database tuples. Worked with **POJO** for handling data coming from the legacy systems.
- Utilized Object Oriented Programming in **JavaScript** and **DOM** structure to implement various functionalities and **DOM** parser to parse the XML documents and **XSLT** for transformations.
- Extensively used the JavaScript and **jQuery** plug-in to fetch and display the data on web pages
- Continuous integration services are provided for software development using **JENKINS**.
- Implemented security for different front-end views based on the access privileges.
- **Spring with Tiles Framework** is implemented for a common look in all the presentation views.
- The application is designed using **J2EE design patterns** and technologies based on **MVC** architecture.
- Used **J2EE design** patterns like Value Object Pattern, S**ession façade, Singleton, Factory** and **DAO**.
- Developed **JUnit test cases** for DAO and Service Layer methods for all the developed modules.
- Executed test scripts using **Selenium** web driver and analyzed the test results and implemented navigation using Spring MVC controllers and configured controllers using Spring MVC annotations and configuration files.
- Developed the **ANT** scripts for preparing **WAR** files used to deploy J2EE components.
- Used **GIT** as Version Control and **iText** to generate **pdf** in the form of a tree. Done unit testing using **Test NG**. Used **GIT** as version management, **JIRA** for defect management system.
- Used **Log4J** to capture the log that includes runtime exceptions.

Environment: Java, J2EE, Spring, Spring DI, , Spring Security, SOAP, WSDL, JAXWS, JAXRPC, JMS, Hibernate, HTML5, CSS3, JavaScript, jQuery, JENKINS, JSP, AJAX, ANT, GIT, JIRA.

Role: Java /J2EE Developer   Apr 2015 – Sep 2017
Client: **Standard Chartered Bank, Pakistan**
Responsibilities:
- Used Spring Framework as middle tier application framework, persistence strategy using spring support for Hibernate for integrating with database.
- Created documentation of the application.
- Developed Servlets and JSP for Data retrieval implementation with User Interface.
    Configured JDBC with SQL/PLSQL for database connectivity.
- Involved in system design and development using Collections and multithreading for the action classes
- Responsible for writing Struts action classes, Hibernate POJO classes and integrating Struts and Hibernate with spring for processing business needs.

- Created tables, triggers, stored procedures, SQL queries, joins, integrity constraints and views for multiple databases.
- Developed User Interface using JQuery.
- Worked as a Core Java Developer and responsible for Deployment and necessary configuration of WebSphere Application Servers.
- Used Log4J to capture the log that includes runtime exceptions.

Environment: Java, J2EE, , Spring ,JPA, Hibernate, SQL,, SVN.

Education : Bachelors of degree