Shahan Mir

**Java Developer**

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**SUMMARY**

* Software professional with extensive Web Application Development experience using **Java/J2EE** technologies.
* Worked Extensively with Spring Framework **(Spring MVC, Spring Boot and AOP**).
* Experience in developing **RESTful web services** using **Spring Boot** with **Microservices** architecture.
* Experience in implementing **IOC** and **Dependency Injection** features in various aspects of Spring Framework.
* Experience in developing Microservice API using **Spring Boot, Netflix OSS (Feign, Ribbon, Eureka**) and followed domain driven design.
* Hands on experience in using **Hibernate 5** and Java Persistence API (JPA) for mapping Java classes with database using Hibernate Query Language (HQL) and Criteria interfaces
* Experience in implementing **Java EE Design Patterns in** the development of Enterprise Applications.
* Experience working on front end using JavaScript, jQuery, Typescript, **Angular5** JavaScript framework.
* Hands on experience with build and deployment tools including **Maven**, logging using**Log4j**, unit and integration testing using **JUnit**.
* Hands-on experience in using **ActiveMQ** message broker.

**PROJECTS**

**Urgent.ly, – McLean, VA Sep 2018-present**

**(Java/J2ee Developer)**

**Project:** CaseManagerServices

**Project Description:**

Urgent.ly is America’s leading on-demand roadside assistance service.   They offer transparent service with clear, flat-rate pricing, cashless payment, and reliable help for motorists. The project was to implement a web application where users can request roadside assistance using their current location in need of a tow, tire change, fuel delivery, jump start or lock-out service.

**Technologies used:**

Spring Boot, Spring Cloud, Microservices, Spring Data JPA,RabbitMQ, STS, Junit, Mockito, Netflix, Angular7, Github.

**Responsibilities:**

* Worked on developing Restful web services for CaseManager using Spring Boot and secured data encryption through **Digital Certificate**.
* Implemented Microservices for Payment and Assistant Type modules using Spring Boot in cloud based Architecture.
* Used **Spring Data JPA** to manage the data transactions.
* Used **Netflix** **Ribbon** for load balancing and **Netflix** **Eureka** for service Registry and Discovery.
* Designed asynchronous messaging using **RabbitMQ** to exchange of critical business data and events among different microservices.
* Implemented **Angular7** routing in CaseManager application among multiple components like Assistant type, vehicle information and checkout.
* Used **Junit** and **Mockito** Framework for testing purposes.
* Designed asynchronous messaging using **RabbitMQ** to exchange of critical business data and events among different microservices.

**Patient Fusion, San Francisco, CA                                       Aug 2017-Aug 2018**

**(Java Developer)**

**Project: iPatient**

**Project Description:**

PatientFusion involves developing a J2EE application that helps doctors and other healthcare professionals to represent their practice online. Patients can find the doctors online through specialty and insurances they accept and schedule appointment online.

**Technologies used:**

Java 8, Spring Boot, Spring Cloud, Hibernate, Microservices, Jenkins, Docker, Angular 7, Typescript,

Node js, Oracle 12c, GitHub, STS.

**Responsibilities:**

* Designed and developed **Micro Services** business components using **Spring Boot, Spring Cloud** for**PatientFusion** **Search Doctor and Appointment booking**module.
* Implemented application using **Spring Cloud** services, such as Config Server, Service Registry, RabbitMQ dashboard.
* Used **Spring Boot Actuator** to monitor the health of the application.
* Implemented Persistence layer using **SpringData JPA** to interact with the Oracle database.
* Implemented messaging between System Integration components using **RabbitMQ**.
* Consumed web services and worked with reactive programming using **RxJS** library on the frontend.
* Used **Reactive** approach to work on client-side form validation.
* Wrote unit test cases using **Jasmine** and **Karma** test runner.
* Used **Maven** building tool for creating WAR file to be deployed in application servers and **Jenkins** for continuous build and deployment.

**H & M -Jersey City, New Jersey Nov 2016 - July 2017**

**(Java developer)**

**Project: H&M**

**Project Description:**

Hennes & Mauritz AB is a Swedish multinational clothing-retail company known for its fast-fashion clothing for men, women, teenagers and children. The application H&M website sells all fashion clothing and gives excellent deals at a lowest price, accepts coupons and discount codes.

**Technologies used:**

J2EE, Spring BOOT, AMQP, Restful web services, Spring Data JPA, GitHub, Maven, Jira, Oracle 12c, Apache Tomcat.

**Responsibilities:**

* Developed **RESTful webservices** for **H&M** application using **Spring Boot.**
* Created restful web services for various modules like **L*ogin, Search and Cart*** functionalities to consume it on the front end.
* Utilized several features of **Spring Boot** like Parent dependency, automatic configurations, actuator.
* Implemented the application using the concrete principles laid down by several design patterns such as **Bean Factory**, **Singleton**.
* Used **SpringData JPA** to handle the complexity of JDBC-based database access and object-relational mappings for managing persistent objects.
* Used [Advanced Message Queuing Protocol](https://en.wikipedia.org/wiki/Advanced_Message_Queuing_Protocol) (**AMQP**) as message brokers to send messages to users regarding the order status.
* Wrote extensive test cases **Junit** and **Mockito** framework**.**
* Worked in Agile Environment and used **Jira** as project management tool.

**EHealth Inc., - Santa Clara, CA Jan 2016- Oct 2016**

**(Java/J2EE Developer)**

**Project: eHealth**

**Description:**

EHealth Inc., company primarily provides plans related to Medicare such as prescription drug plans, Medigap, and Medicare Advantage plans. EHealthInsurance web application involves looking for insurance services for Family, Dental and Vision plans. The application also allows the user to buy insurance and make payments online.

**Technologies used**:

J2EE, Spring MVC, Hibernate, JSP, Bootstrap, HTML, CSS, Junit, Oracle11g, Github, LOG4J, Eclipse.

**Responsibilities:**

* Worked on **eHealth** application’s **Health plans** and **Providers modules** using **Spring MVC.**
* Implemented **Spring MVC** framework to coordinate invocations of Controller classes and rendering of **JSP** pages.
* Utilized **Spring Core** features like Dependency Injection and Validation extensively.
* Significantly increased data access layer performance (**Hibernate + Oracle 11g**​) by applying more efficient fetching strategies, creating indexes and optimizing queries.
* Utilized **jQuery** **UI** library on the client-side to create rich user experience.
* Made asynchronous calls for plan search and to dynamically update the list of insurance plans on the browser by **AJAX**.
* Used **Maven** and **Jenkins** to automate the build and deploy process and **Log4j** utility to generate runtime logs.
* Worked in agile environment and used **JIRA** as project management tool.

**BRAC University - Dhaka, Bangladesh Feb 2015 – Dec 2015**

**(Java/J2EE Developer)**

**Project: BracU**

**Description:**

The project **BracU** was BRAC’s university back-office application used by University to maintain the staff and student records. The application was developed using Java/J2EE.

**Environment:** Java, Servlet, JDBC, JavaScript, HTML5, CSS3, JUNIT, Oracle11g, Github, Eclipse.

**Responsibilities:**

* Involved in analyzing, designing and developing the **BracU** application.
* Worked with **BracU** User module which tracks all the information of users(students/staffs) and perform CRUD operations using **JSP** and **Servlets**.
* Developed filter, sort functionalities to list the users based on different criteria according to department.
* Used **JDBC** to communicate with the database and worked on client side using JavaScript, jQuery and Ajax.
* Used several **jQuery Effects** to perform some animations on the **BracU** web pages.
* Designed the front-end using HTML, CSS and used **JavaScript** to make the webpage interactive.
* Maintained the inventory using **Oracle11g** database and performed querying.

**EDUCATION**

**University of Michigan - Flint, MI**

Bachelor of Computer Science