**Java Fullstack developer**

**MONIRUZZAMAN**

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**SUMMARY**

* Over 7 years of experience as a developer, Tech Lead in Enterprise - level implementation of the **Software** **Development Life-Cycle (SDLC), including Functional and Technical design, Development, Implementation and Support.**
* Experience in **Microservices Architecture** applications using **Spring 5**, **Spring Boot 2, Spring Cloud ,** **Cloud Foundry**, **Spring Security, Spring JPA, Spring Integration, Spring Batch , Angular 7 Docker ,Pivotal Cloud Fundry, Kafka, Restful Web Services**, **OpenAPI (Swagger).**
* Experience in **Java 8 and Java 11** (Lambdas, Streams, Multithreading).
* Expertise in **JDBC, JSP, Servlets, STRUTS, Springs Core, Spring MVC, Hibernate, Ibatis , Web Services (SOAP AND REST API) , JMS.**.
* Extensive experience with Angular JS, directives, and services to interface with both restful and legacy network services also DOM applications. Extensive experience on modern front-end template frameworks for JavaScript including Bootstrap, JQuery, Angular JS etc.
* Experienced in developing web-based applications **using Python, Django, C++, XML, CSS, HTML, JavaScript, Angular JS and JQuery.**
* Developed Robust User Interface using Bootstrap, Node JS, JSP, JavaScript, jQuery, CSS, and HTML.
* Experience **cloud technology experience, preferably AWS (EC2, S3).**
* Experience in designing and prototyping User Interfaces for intranet, Web applications and websites using **HTML/HTML5, XML, CSS.CSS3, Bootstrap, JavaScript, Ajax, JQuery, Angular 7, Node.JS and JSON.**
* Experience in working MVC Architecture and Reactive programming.
* Complete Understanding and hands on experience in Agile development methodologies
* Experience in application/web servers like **JBoss AS, WebLogic, WebSphere**, **and Tomcat.**
* Hands on experience in building projects using popular **IDE's like Eclipse and Intellij IDEA.**
* Good knowledge of the testing **framework Junit 4.5, Testng, mockito, Powermack.**
* Knowledge of Relational databases like **Oracle 11g, MySQL, MarioDB, NoSQL.**
* Extensive experience in **Jasper Report, Control-M.**
* Experience with **XML** and related standards and technologies like **AJAX, REST Web Services API, SOAP, WSDL, and DOM.**
* Experience in development, testing and deployment of enterprise applications on Windows & **UNIX**.
* Experienced in **XML** for data parsing using **JAXB, JAXP (DOM and SAX).**
* Expertise in coding optimized **SQL queries** on databases like **Oracle and MySQL.**
* Expert in using **logging** tools like Log4J**.**
* Expert in Build Management using ANT, Maven GIT and Version Control.
* Strong experience in PL/SQL and SQL for writing SQL queries, Triggers, functions and Stored Procedures on databases like Oracle 8i/9i/10g, **MYSQL**, and Sybase etc and Used tools like TOAD, SQL Developer to access the database and build the SQL queries.
* Hands on Test Driven Development (**TDD**) and **CI/CD** tools Jenkins, Maven, Jira, BitBucket.
* Experienced in utilizing Splunk to monitor and troubleshooting application systems.
* Having knowledge on **NoSQL** databases like Cassandra, HBase and MongoDB.
* Expertise in analyzing and solving technical problems as well as finding and diagnosing bugs.
* Expert in handling non-functional Requirements for web and enterprise applications like performance, scalability, reliability, load balance, fault tolerance, Clusters etc.
* Expert in Requirement, Change management for Business, functional, non-functional requirements
* Effective team working skills. Able to work both as **an individual and as a team member** within multi-disciplinary team.

**EDUCATION**

**Bachelor in computer science 2012, university of Dhaka, Bangladesh**

**TECHNICAL SKILLS**

Operating Systems : Windows, Linux and Unix

Languages : Java 8/11, XML, Shell Scripts, SQL, NoSQL, PL/SQL

Web Technologies : JSP, Servlets, Web Services (REST,SOAP), angular JS, JMS,JDBC,JSP,JNDI

Frame Works : Struts, Spring 4.5, Spring Boot,Spring (core, security, cloud, MVC ) Hibernate, ibatis

Web Browser Technologies : HTML/HTML5, JavaScript, JQuery, Ajax, JSON, Angular 7, Node JS and CSS.

Build Tool : Bamboo, Crucible, Ant,Maven

Testing/tracking : Jira, Selenium, Mockito, PowerMock, SOAP UI, ARC.

Application Server : WebSphere

Web Server : Apache Tomcat

Database : Oracle 10g, MySQL, MarioDB.

IDE : Net Beans, Eclipse, Intellij IDEA.

Tool : Jasper Report, PL/SQL Developer, Control -M.

Version Control System : VSS, Rational Clear Case, Bit Bucket, SVN, GIT

Designing : UML

S/W Dev paradigm : Waterfall, Agile (Scrum).

**WORKING EXPERIENCE**

**Travelport-Arlington, VA Jan2019- Till Date**

**Sr Java Full Stack Developer**

**Responsibilities**

* Involved in Analysis, Design, Development, Integration and Testing of application modules and followed **AGILE/ SCRUM** methodology.
* Expertise in using the **java 8** features such as Functional Interfaces, **Stream Api**.
* Worked with built-in **Angular Filters** and developed custom Angular Filters in application as per business requirements.
* Worked in New library development with micro services architecture using Rest APIs, spring boot and pivotal cloud fundry.
* Developed web applications using Java, Bootstrap, Angular JS, React JS, JavaScript, HTML5, CSS, and XHTML using JSF tags.
* Designs develop and test HTML5, CSS3, Bootstrap, jQuery and React. JS that meets accessibility and web browser standards for website.
* Developed user interface by using the React JS, Flux for SPA development.
* Implemented client-side Interface using React JS.
* A robust understanding of front-end technologies, Object-Oriented JavaScript, AJAX, XHTML, HTML, XML/DOM, Node.js, **Angular 7**, React JS, JS-Based framework.
* Implementing the new message retry mechanism using kafka in the event of any failure in the downstream systems.
* Rest services templates are generated using swagger specifications.
* Developed and configured Java 8 Complete Future pipelines as to emulate the high throughput of services backed by messaging systems
* Angular Routes were used to navigate through views in our application.
* Angular Directives are used to develop customized components.
* **Rest API** calls and data binding is done by using **Angular.**
* **Spring MVC** frame work is used to develop enterprise application and it helps to maintain loosely coupling. Spring **IOC** is used to inject dependencies and manage the life cycle of a bean.
* Prepared and presented **UNIX** production and implementation schedules to the Project Manager and client.
* Created a RESTful Web API service using ASP.NET Web API to generate data for the EMS which was then consumed in the front-end by **Angular 7.**
* Implemented filtering, sorting and pagination using third party tools and **Angular 7** framework.
* Written different Routing (SPA), modules and reusable components using **Angular 7**.
* Developed Single Page applications using **Angular 7** using components, directives using Typescript.
* Developed API using NodeJS to allocate access to data in SQL, Mongo DB.
* Implemented Single Page Application (SPA) Pattern and used Angular JS MVC to build a cross-browser application.
* Implemented core features of Angular JS framework such as Dependency Injection, Data-Binding, Filters, Directives, Templates Services and Deep Linking.
* Developed Graphical User Interfaces using UI frameworks Angular JS and Webpages using HTML and JSP’s for user interaction
* Implemented **Spring Annotations**, Spring Boot and Spring Cloud to develop Business layer components.
* Experienced with distributed transaction management with isolation levels with Spring JTA.
* Exposed Stateless session beans as **RESTful** web services using spring.
* Built a stored-procedure-as-a-service micro service that is generic: will take sproc name and parameters and spit out output or error from the database.
* Swagger is used to create interactive documentation of Rest API and to automate the test scripts.
* Developed Micro Service to provide **RESTful API** utilizing Spring Boot with Spring MVC.
* Spring security is used for authentication and authorization and to provide protection against attacks like session fixation, click jacking and cross site request forgery.
* Developed of new listeners for producers and consumer for Kafka.
* Spring batch programming is executed by using quartz scheduler.
* Test cases are developed and implemented using Junit testing.
* Maven is used as a build tool.
* Spring JPA is used to achieve persistence and make connections with Mario Database.
* Backend interfaces are developed using stored procedures and PL/SQL packages.
* Log4j and **JIRA** is used for logging and debugging.
* IntelliJ IDE was used for development of source code.
* Implementing Change Requests and Enhancement Requests.
* Creating unit and integration test cases using Junit and Mockito Framework in order to achieve the Test Driven Development (TDD).

**Environment:** Java 1.8, Spring, Spring Boot ,Spring Security, JPA, Restful Web services, Jenkins, Unix, Micro Services, Kafka, Jmeter, Bootstrap, TypeScript, HTML5, CSS3, Angular 7, Pivotal Cloud Foundry, Mario DB,Oracle11, JUnit, Log4j, apache Tomcat 7.0.65, Eclipse, Git, Maven, Hibernate, Control -M,BIRT report.

**Express-Columbia, OH (USA) Jan2018- Dec2018**

**Java Full Stack Developer**

**Responsibilities**

* Involved in daily stand up and weekly development review meetings as part of Agile Methodology.
* Involved in development of a UI pages using **Angular JS, HTML, CSS, Bootstrap, JQuery, CSS, Scala** and performed data transfer using Controllers.
* Developed Single Page Application (SPA) using Angular and injected generic services.
* Actively participated in the Analysis, Design, Development and Testing phases of various modules.
* Understanding the business requirements of application.
* Implemented the application using Spring Boot Framework and handled the security using Spring Security.
* Used Node.js for creating event driven frameworks in scalable networks.
* Build stable React components and stand-alone functions to be added to any future pages.
* Used React-Router to turn application into Single Page Application
* Developed the Rich User Interfaces using Front end technologies such as Bootstrap, CSS, JavaScript, JQuery, Ajax and **JSON**.
* Created Automation test framework using Selenium, and **JIRA** for tracking bugs.
* Used JQuery to implement widgets for user interface alongside **CSS/HTML** and web page layouts and templates.
* Migrating the legacy monolithic struts application to Micro services platform.
* Built RESTful API server to achieve CRUD operations for posts using Jersey, JAX-RS, JSON, spring REST using MEAN stack (Mongo DB, Express JS, Angular JS, Node JS) Technologies.
* Design and developed Micro sites, Aggregators and Micro services
* Designed and developed the End Points (Controllers), **Business Layer, DAO Layer using Hibernate/JDBC template, using Spring IOC (Dependency Injection).**
* Used Spring Framework AOP Module to implement logging in the application to know the application status.
* Used PCF for Deploying, managing and operating scalable, highly available, and fault tolerant systems.
* Developed the **UNIX** shell scripts to automate jobs.
* Hands-on experience in development of micro services and deploying in Docker.
* Used Spring **DAO** Module along with Struts Framework to deal with Database.
* Implemented the application using Spring IOC, Spring MVC Framework, Spring Batch, Spring Boot and handled the security using Spring Security to execute the similar jobs simultaneously.
* Support the code builds by integrating with continuous integration tool (Jenkins) Written Maven scripts, Installed Jenkins, written shell script for end to end build and deployment automation.
* Used the basic principles of MVC to incorporate the AngularJS to build client-side application.
* Used the Bootstrap, Bootstrap-responsive to create the interfaces and help manage the website responsive in all devices.
* Implemented Hibernate framework to connect to database and mapping of java objects to database tables.
* Writing JUnit test cases for Unit test cases and execute each deployment.
* Used Log4j for logging to find and store exception messages.
* Used Spring RESTful API to implement RESTful Web Services, sent JSON data type between front-end and the middle-tier controller.
* Written ANT Script to build the project.
* Actively participated in the Analysis, Design, Development and Testing phases of various modules.
* Developed automation scripts and apps for quickly publish content.
* Used Eclipse Mars as IDE to develop the application and followed the standard features for debugging and running.
* Used Rally tool for defect tracking and monitoring of work assignment in the system.
* Developed the Restful web services application in Spring Boot framework.
* Used Oracle 11g and Oracle RDB as backend data bases.

 **Environment:** Java 1.8, J2EE, Spring, Spring MVC, Spring Boot, Jax-WS, Restful Web services, AJAX, XML, Jenkins, Unix, Micro Services, Bootstrap, AWS,JavaScript, HTML5, CSS3, Angular 6, JSON, JMS, Oracle11, JUnit, Log4j, apache Tomcat 7.0.65, Eclipse, Git, ANT, Maven, Hibernate.

**Benefit focus, Charleston, SC Jan 2014-Dec2017**

**Java Full Stack Developer**

**Responsibilities**

* Developed the business logic layer components in middle tier of the application using **Spring** Designed Framework and **Spring Boot**.
* Worked on Angular JS controllers and created functions to interact with the RestFulWeb services using AJAX.
* Developed UI pages using HTML, CSS, Angular Js, Node Js. JSP, JQuery, JSTL.
* Used **Spring AOP** terminologies to handle transaction management and logging.
* Involved in developing new Front-end pages using **Angular1.6**.
* Used Spring framework for **Dependency Injection** and integrated with **Hibernate**.
* Developed project by **Agile** Methodology, test driven development (**TDD**) and scrum status meetings and worked closely with client to handle Distributed Scrum teams.
* Developed **RESTful** services in Java **Spring Boot** to integrate with **LDAP** for user registration, login and reset/change password functionalities, also for payment processing etc.
* Designed and developed **XML** processing components for the dynamic display of the menu on the application.
* Used Core Java concepts **OOPs**, **Multi-threading**, Collections, Exception handling, Java 8 and Interfaces for the implementation of Core Concepts.
* Used **Java8** features to develop the application like lambda expressions, Streams, Functional Interfaces and used default and static methods in interfaces.
* Involved in developing **Web Services** using **RESTful** and **SOAP** frameworks and created **SOAP** using **WSDL**, **XML** and **SOAP** for transferring of data.
* Extensively used **Hibernate**, ORM mapping solution technique, to map data representation from **MVC** model and **Oracle Relational Data Model** with a **SQL** based schema.
* Developed **SQL** Queries for retrieving the data from the database
* Configured and built **Spring** **MVC** application on Tomcat web server.
* Used **JUnit** framework for Unit testing of application and developed Test classes.
* Used **Oracle 11g** database for tables creation and involved in the creation of the Data Access Objects (**DAO**) to query, store and retrieve the data from the Database using **SQL**, calling Oracle Stored Procedures.
* **JavaScript** is used for client-side validation and scripting functions.
* Tested **Rest** web services using **Postman**.
* Configured and built **Spring** **MVC** application on **Tomcat** server.
* Implemented **Ajax** for creating interactive web application and for avoiding reloading of page for each request.

**Environment:** Hibernate, spring, Spring Boot, AWS, JSP 2.4, HTML5, CSS3, Angular, jQuery, Node JS, XML, XSLT, SQL Server, ReactJS, Java, Maven, JDBC, Apache Tomcat, Eclipse, Git, Windows XP, postman, Oracle.

**Digital Hub Bangladesh Ltd Sep 2012- July 2013**

**Java Developer**

**Responsibilities**

* Developed use case diagrams, object diagrams, class diagrams and sequence diagrams using **UML.**
* Used **Maven** build tool achieve more functionality for build purpose.
* Used **Log4j** to capture the log that includes runtime exception and for logging info and are helpful in debugging the issues.
* Defined and constructed layers, server-side objects and client-side interfaces based on J2EE design patterns.
* Developed architecture and design of large-scale Enterprise Java Applications primarily focused in domains like Banking, Finance, Credit Card Services, Home Mortgage, ERP and E-commerce domains.
* Used **WSDL** and **SOAP** for the development of the**XML** based applications.
* Developed **Web Services**using**WSDL, SOAP, HTTP, and UDDI.**
* Experience in developing **XML**documents with **XSD** validations, **SAX**and **DOM** parsers to parse the data held in XML documents.
* worked on the Android CONFIDENTIAL API, Twilio API, and Parse API.
* Designed and deployed **API** specification with testing case(Swagger).
* Involved in batch processing using **Spring Batch** framework to extract data from database and load into corresponding Loan App tables.
* Created and consumed soap and REST services using CXF and used MULE ESB to route various calls to do validation of service input and to handle exceptions.
* Configuring the Mule process for fetching the data from topic and makes web service calls to the middle tier Mule ESB for processing.
* Worked on the Mule API Gateway for the application of policies to API as well for managing the security. Also worked with the Proxy settings using the API Gateway for the API’s.
* Worked **Docker** container management along with volumes, container-based DB and services, Docker Anti factory configuration and setup.
* Worked with **Elasticsearch** and utilized NOSQL for non-relation data storage and retrieval.
* Used **Java script and AJAX** to query the **Elasticsearch** indices, format and display the JSON results in a web page using **HTML and CSS.**
* Developed **REST API's**using **Spring MVC**and **Spring boot,** hosted all micro services on **PCF.**
* Helped create and implement distributing data architectures using **NOSQL** technologies such as data distribution networks to deliver data into the data storage layer and API components for Client.
* Expert in **HTML5/CSS3** development and have experience **ReactJS**, angular5.2, Responsive design.
* Designed **Micro-Service** architectureto divide application into business components using **Spring Cloud.**
* Hands-on experience with Akka Play Framework MVC model, Object relational mapping tools like **Slick**
* Used **AngularJS** as a framework to create a **Single Page Application**(SPA) and to monitor the states of the form and input fields and notify the user about the current state.
* Involved in designing and implementation of **MVC** design pattern using Struts framework for Web-tier.
* Used Struts, nodejs for web page development and front-end validations.
* Converted a monolithic app to microservices architecture using Spring Boot using 12 factor app methodology.
* Deployed, Scaled, Configured, wrote manifest file for various Microservices in PCF.
* Experience in development of Agile Environment using **TDD**.
* Creating **SQL queries, PL/SQL** stored procedures, functions for database layer by analyzing the required business objects and validating them with stored procedures.
* Experience in working of **AJAX** technologies to support Web user interactions.
* Experience in developing and deploying the micro services applications in **Pivotal Cloud Foundry.**
* Worked with Security groups and implented the applications based on Cloud foundry and **AWS.**
* Experience in working of implementing the applications and web servers on **Red Hat Linux Enterprise** platform.
* Used **Hibernate Framework** for object relational mapping and persistence.
* Created **UNIX** shell scripts to automate the build process, to perform jobs like transferring of files between different hosts.
* Identified the defects in the application, captured it using QC and rectified the defects.

Involved in creating the **WAR** files and deployed in the Server and Followed Agile scrum methodology, involved in sprint planning, retrospective and code reviews

**Environment:** Java, J2EE, Spring, Spring Boot, Mongo DB, Jasper Reports, Hibernate, Angular JS, Ajax, JavaScript, UML, Restful, Microservices, Tomcat, Linux, Servlet, MVC, Eclipse, Log4j,Webservices, Web Sphere, JUNIT, Maven, Jenkins, GIT, Agile