**Mohan Sharma**

**Java Full Stack Developer**

**Email: mohansharma2395@gmail.com**

**Phone:** **(480)740-6636**

**Professional Summary:**

Full-stack developer with **around 7 years** of experience with all stages of the development cycle, for projects in **AGILE** and **SDLC** models

* Working knowledge in multi-tiered distributed environment, OOAD concepts, good understanding of Software Development Lifecycle (SDLC) and familiarity of Service Oriented Architecture (SOA).
* Extensive experience in designing and developing Enterprise Applications for J2EE platform using **Core Java, Servlets,** **JDBC, JSP, JSTL, JAXB, Struts, EJB, Spring, Spring Boot, Spring DATA, Spring JDBC, Groovy-Grails, Hibernate,** XML, Web services, JMS, Eclipse, RAD, Ant, Maven.
* Expertise in implementing **Web services and JMS** for the synchronous and asynchronous communications between two applications running in different servers.
* Proficient in creating **Web Services** using **Spring Boot.**
* Expertise in application development using **Servlets, JDBC, JNDI, spring, Hibernate, JSF, EJB2.0/3.0, XML, Web Services- SOAP, WSDL.**
* Successfully designed and implemented systems based on N-tier distributed architecture using JAVA/J2EE technologies such as, **Core Java**, Multithreading, Collections Framework, Java I/O, JDBC, Hibernate, Spring Framework, Spring Batch, Struts Framework, JSP, jQuery and XML including XSL, XSLT and XML Beans.
* Experience in developing Web based GUI's using JSP, HTML5, DHTML, CSS3, JavaScript, JSON, Node JS, Angular 1.x, 4 & 7, JQuery, EXTJS and Ajax.
* Working with RxJava (ReactiveX) for asynchronous composition and manipulation of data and events using Observers and Observables in the application.
* Migrating servers, databases, and applications from on premise to AWS,Azure and Google Cloud Platform.
* Experienced in developing Mobile Learning Applications, including video recording and playback, device registration based login for internal staff, etc. Experienced in using Cordova Child Browser and Mobile Offline Player.
* Good experience of implementing reactive programming using **RxJava**to manage asynchronous tasks and events.
* Support Client side libraries like angular and database connection like mysql, Casandra, mongoDB and postgres through the Node base microservice and have them connected with Api calls.
* Experience in developing Web based GUI's using JSP, HTML5, DHTML, CSS3, JavaScript, JSON, Node JS, AngularJS, React JS, JQuery, EXTJS and Ajax
* Involved in reviewing business requirements and analyzing data sources form Excel, Oracle, SQL Server for design, development, testing, and production rollover of reporting and analysis projects
* Extensive experience in various Java/J2EE technologies including Core Java, J2EE (EJB, Servlets, JSP, JDBC), Spring (IOC, MVC, AOP, DAO), **Hibernate** and **Java Web Framework** along with Web Services (SOAP, RESTful) and Database related technologies.
* **Knowledge in i**mplementing a Microservices with Spring Boot based services.
* Expertise in Web Services architecture in **SOAP and WSDL using JAX-RPC.**
* Experience in developing Web based **GUI's** using **JSP, HTML5, DHTML, CSS3, JavaScript**, **JSON, Node JS, AngularJS, React JS, JQuery, EXTJS and Ajax.**
* Experience in **Bootstrap** (Responsive Web Design), **Backbone, and AngularJS** frameworks.
* Utilized React Navigation for routing and passing data between screens.
* Utilized React native components like Images, height, width, text input, flex box for development of new features
* Strong working experience Object Relational mapping (ORM) tools like Hibernate (Hibernate Connection Pooling, HQL, Hibernate Caching, Transactions).
* Expertise in design patterns including Front Controller, Data Access Object, Session Facade, Business Delegate, Service Locator, MVC, Data Transfer Object and Singleton.
* Proficient in OOAD Technologies developing Use Cases, Activity diagrams, Sequence Diagrams and Class diagrams using case tools like Microsoft Visio and Rational Rose.
* Experienced in the functional usage and deployment of applications in **JBoss, WebLogic, WebSphere and Apache Tomcat.**
* Experience in Database Design, Creation and management of Schemas, writing Stored Procedures, functions, Triggers, DDL, DML SQL queries. Experience in writing SQL and PL/SQL programming.
* Involved in building and deploying Apache **ANT/ MAVEN** scripts for deployment and customizing WAR/ JAR file management for web applications.
* Well experienced in using **JUnit** for performing unit-testing framework.
* Expert in Various Agile methodologies like **SCRUM**, Test Driven Development (TDD), Incremental and Iteration methodology and Pair Programming as well as implementing Waterfall model.
* Worked using IDE like Eclipse, My Eclipse, Netbeans
* A very good understanding of Groovy and Grails.
* Expertise in using configuration management tool like SVN and GIT for version controlling.
* Highly motivated team player with strong communication, analytical, documentation and organizational skills.

**Education: Bachelor’s in Computer science at Guru Gobind Singh Indraprastha University 2013**

**TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| **Languages** | Java SE 6/7/8, Java 1.6/1.7/1.8/J2EE |
| **Java/J2EE Technologies** | Servlets, JSP, JSTL, JDBC, JSF, JavaBeans, MVC, ANT, MAVEN, Log4j, XML, JAXP, DOM, JNDI, JUNIT, Web services (REST/SOAP), Executor Framework, JTA |
| **Design Patterns** | Singleton, Factory, Facade, Builder, Observer, Command Patterns, Value/Data Transfer |
| **Design Tools** | Rational Rose, Star UML, Enterprise Architect |
| **Web Technologies** | HTML, JavaScript, CSS, XML, Angular, Node |
| **Frameworks** | Struts, Spring, Spring-Data, Node Js, Spring JDBC, Hibernate, JPA, Spring Core, Spring ORM, Spring MVC, Spring AOP, Angular JS, React JS |
| **Web/Application Servers** | Web Logic, WebSphere, Apache Tomcat, JBOSS |
| **Testing** | Junit, SOAP UI, POSTMAN |
| **Version Control Tools** | GIT, SVN, CVS |
| **Build Tools** | Ant, Maven, Gradle |
| **Methodologies** | Agile (Scrum), Iterative |
| **Database Environments** | Oracle, PostgreSQL, MySQL |
| **Operating Systems** | Windows, Mac, Linux and UNIX |

**PROFESSIONAL EXPERIENCE:**

**Client: Illumina, San Diego, CA April 2019- Till Date**

**Role: Full Stack Developer**

**Responsibilities:**

Working within the frontend with Angular and duties are to work on the user stories we get in team, including updating any changes or fixing any bugs or making sure flow is working in the Illumina link web browser.

* Involved in the development of a portal called **Microsite** using **spring boot** framework.
* Upgraded the UI screens in the application to single page UI using **Angular 6**, **HTML5** and **CSS3**.
* Used **Postman** with **JSON** to test the request and response of the application.
* Design and Development of Objects using Object Oriented Design in Java.
* Created **sequence diagrams, collaboration diagrams, class diagrams**, **usecases** and **activity diagrams** using **Rational Rose** for the Configuration, Cache & logging Services.
* Used Rx Java in enhancing the level of abstraction around threading.
* Experience Migrating Windows applications on to Azure cloud.
* Worked on XML Technologies like **XML Parsers, JAXB** for binding data to **Java objects.**
* Developed the **Spring AOP** Programming to configure logging for the application.
* Configured SQL server scheduled backups for TFS data tier.
* Developed the application using **Angular 6, spring, HTML, Bootstrap, CSS and JavaScript**.
* Created and Implemented Microservices using spring boot, REST, JSON.
* Working with RxJava (ReactiveX) for asynchronous composition and manipulation of data and events using Observers and Observables in the application.
* Migrating servers, databases, and applications from on premise to AWSAzure&GoogleCloud Platform.
* Experience in using SQL Server 2008 Integration Services (SSIS) to extract, Transform and Load data from any OLEDB Provider like MS Access, Flat File, Excel, Oracle, Lotus notes and DTS (i.e. Import and Export) also worked to Automate the ETL operations. (Automate the SSIS Packages and Import, Export).
* Extensively used Maven to build the application **and deploy on Embedded Tomcat Server.**
* Configured session timeout with **Spring Boot** in server side and implemented auto logout Functionality.
* Created various MongoDB collections and wrote services to store and retrieve user data from for the application on devices and used Mongoose API in order to access the MongoDB from NodeJS
* Maintained and handled database access using Node.JS and Express and manipulated data using CRUD operations of MongoDB database management system
* Essentially worked on Message Routing and Kafka Broker implementation in node.js.
* Implemented Cordova Child Browser in both Android iOS apps. Used various JQuery Plugins like Calendar control, Carousal control, Video Upload, etc.
* Used **Angular 6** as the development framework to build a single-page application.
* Involved in SPA (Single Page Web Applications) using **RESTFUL** web services plus Ajax and React JS.
* Participated in development of a well responsive single page application using **Angular 6** framework, **JavaScript**, and **jQuery** in conjunction with **HTML5, CSS3 standards, with front-end UI team.**
* Involved in creating a reusable component using **Angular 6** for DOM manipulation.
* Worked extensively on Web Services (**SOAP**&**REST**), **XML**, **JMS** and Spring Controller.
* Reviewed the code for ensuring adherence to Java coding standards.
* Responsible in testing the classes and methods using **Junit** test case for unit testing of application and **Log4j** to capture the logs.

**Environment:** Java, JSP, JavaScript, Ajax, JQuery, Angular6, Maven, Spring Boot, POS, DOJO, spring, Microservices, Backbone, HTML5, CSS3, Rest API, Log4J, GIT, Kubernetes, Agile, Jenkins, XML, Windows.

**Client: Service Master, Eagan, MN June 2018 – March 2019**

**Role: Full Stack Developer**

**Responsibilities:**

* Responsible for writing **J2EE** compliant Java code for application development effort which involved working with **JSP, Servlets, JDBC, XML, EJB, etc.**
* Involved in the development of a portal called **Microsite** using **spring boot** framework.
* Designed and developed the application using AGILE-SCRUM methodology.
* Strong experience with Angular and Ionic to develop multiplatform mobile apps using technologies like Cordova.
* Binding the data in the Mobile application used Rxjava.
* Migrating servers, databases, and applications from on premise to AWSAzure&GoogleCloud Platform.
* Implemented features like logging, user session validation using Spring-AOP module.
* Upgraded the UI screens in the application to single page UI using **React JS**, **HTML5** and **CSS3**.
* Used **Postman** with **JSON** to test the request and response of the application.
* Involved in creating REST APIs by using NodeJS as backend, Express.JS as a Middleware, and MongoDB as Database.
* Extensively worked with core java like collections, String Builder and interfaces.
* Utilized Node.js to create a fast and efficient chat server.
* Involved in creating REST APIs by using NodeJS as backend, Express.JS as a Middleware, and MongoDB as Database
* Core java development for different components. Developed the application using Core Java, Multi-Threading, Spring Core, Beans, JDBC, Transaction and Batch, ORACLE, Maven.
* Design and Development of Objects using Object Oriented Design in Java.
* Extensive experience in various Java/J2EE technologies including Core Java, J2EE, Servlets, JSP, JDBC, Struts, spring and Hibernate.
* Experienced in using SQL, MySQL, Database Design, Storage Procedures, and triggers on using SQL Server.S
* Developed robust client and form management system with React Native, Redux, and Firebase.
* Leveraged react- native-text-input-mask to handle filtering user input in near-realtime
* Created **sequence diagrams, collaboration diagrams, class diagrams**, **usecases** and **activity diagrams** using **Rational Rose** for the Configuration, Cache & logging Services**.**
* Took initiative in learning react native and went on successfully developing various features under minimal supervision.
* Optimized the performance of application using Angular 4 Lazy Loading and Ahead of Time Compilation.
* Developed application using concepts of Single page application using **Angular 4**.
* Enhanced application performance by **Angular 5** Component based development in view of future Angular framework transitions.
* Worked extensively on **Angular 4/5 framework** and had experience working with Ng-Modules, components, Observables, ng-router, AUTH-guards.
* Develop new features and components using **Angular 6** and Angular material, lo-dash, ES6 and GIT Lab.
* Developed custom directives in **Angular 6** to share common functionalities shared between different components
* Created proof-of-concept using responsive web design, **Angular 6**, HTML5 and Bootstrap4.
* Internal Team Training Instructor ( React, React Native, Redux); Implemented AES Encryption (256)
* Preparing the migration document for migrating application from **Struts to spring** and Responsive Web Designing (RWD) of the application.
* Involved in designing overall Microservices architecture including **Gateway, API Service, Core Service**, Discovery Server and Monitor Server using **Spring Cloud Netflix**.
* Experience using Microservices with **spring cloud**.
* Created a web application for ticketing system based on **Spring Cloud** Microservices and Spring Boot.
* Setup Centralized Microservice Configuration with **Spring Cloud Config Server**.
* Worked on XML Technologies like **XML Parsers, JAXB** for binding data to **Java objects.**
* Developed the **Spring AOP** Programming to configure logging for the application.
* Implemented JMS for notifications and testing with JUnit, Mock cases.
* Developed the application using **React JS, spring, HTML, Bootstrap, CSS and JavaScript**.
* Created and Implemented MicroServices using **spring boot,** REST, JSON.
* Extensively used **Maven** tobuild the application **and deploy on Embedded Tomcat Server.**
* Configured session timeout with **Spring Boot** in server side and implemented auto logout Functionality.
* Involved in creating and Deployment of REST API and Micro Services in Java J2EEE using **Spring Boot.**
* **Node.js** is used to develop server side applications.
* Used **React JS** as the development framework to build a single-page application.
* Involved in SPA (Single Page Web Applications) using **RESTFUL** web services plus Ajax and React JS.
* Participated in development of a well responsive single page application using **React JS** framework, **JavaScript**, and **jQuery** in conjunction with **HTML5, CSS3 standards, with front-end UI team.**
* Involved in creating a reusable component using ReactJS for DOM manipulation
* Worked extensively on Web Services (**SOAP**&**REST**), **XML**, **JMS** and Spring Controller.
* Used spring framework for the MVC implementation with spring for DI and Hibernate as ORM tool for database communication.
* Extensively used **Maven** tobuild the application **and deploy on Embedded Tomcat Server.**
* Maintained source code in **GIT** Repository.
* Used **Log4j** for logging to trace the application log messages which is used for debugging.
* Designed various tables required for the project in **Oracle** database**.**
* Prepared JUnit and Integration test cases and integrated with Jenkins.
* Used JIRA for writing user stories and raising defects in a defined sprint.
* Develop the changes using JSTL, JQuery, JCP, JSP, Spring MVC, Spring IOC, Spring JDBC, Web services Configure beans in spring configuration file with Spring IOC, Spring AOP concepts.

**Environment:** Java 1.8, JSP, JQuery, JSON, Elastic, Spring Boot, Spring IOC, Spring MVC, Spring AOP, Spring ORM, React JS, Node.JS, Microservices, XML, SOAP Web Services, JMS, Agile, XPATH, Hibernate, Maven, GIT, Oracle, Tomcat, Log4j, GIT, JIRA, Oracle, Windows/Linux.

**Client: Gain Capital, Bedminster, NJ Oct 2017 – May 2018**

**Role: Full Stack Developer**

**Responsibilities:**

* Involved in all the phases of SDLC including Requirements Collection, Design and Analysis of the Customer Specifications, **Development and Customization of the application**.
* Created new **workflows for Enterprise** business Markets (EBM) workflow Engine to sell enterprise products.
* Developed business components using **core java** concepts and classes like Inheritance, Polymorphism, Collections, **Serialization** and Multithreading etc.
* Involved in using **Core java concepts - Collections**, Exception Handling, Multithreading, Concurrency, Serialization and Java 1.8 features.
* Developed **core Java programs** for all business rules and workflows using **spring framework**.
* Advised & developed the switch to a new host app in React Native based on the old Cordova, Ionic, and Angular app; Leveraged Google Vision API to read text from Driver’s License & other documents
* Designed and Developed native Android and IOS apps using react native components and libraries.
* Designed and developed various modules of the application with **Spring MVC** architecture and **Spring Bean Factory** using IOC, AOP concepts.
* Experienced in building cross platform mobile applications using HTML5, CSS3, SASS, Javascript, Cordova, Child Browser, Sencha touch, JQuery Mobile, JQuery, Backbone, Require, Underscore Phone Gap, Node.js
* Modified the existing workflows to reduce execution time and improved the throughput.
* Thorough knowledge of Motive Workflow builder enabling debugging and analyzing workflow executions
* Analyzed and resolved themes and themeskin issues during the migration of **UCP project**.
* Played the role of configuration controller to validate and maintain the project as per the company and Tl9k standards.
* Designed use cases for the Application as per the business requirements.
* Participated in requirement gathering and framework implementation sessions through Agile TDD methodology.
* Used ng2-pdf-viewer from Angular2 npm package to preview the pdf files
* Created many components with Angular2 for each single page application.
* Used Angular2 camelCase syntax for built in directives.
* Used router module from Angular2.0.
* Used Angular2 npm packages like ng2-datepicker, ng2-pdf-viewer, ng2-auto-complete etc., to meet the requirements of the project.
* Developed and delivered **SOAP** based **Web Services** and used Apache-CXF and SOAP UI to test the services
* Developed Web Applications with rich UI using **CSS, JavaScript, Ajax, jQuery plugins and Struts 2** framework.
* Implemented **Single Page Design** and customized **directive and filter** criteria by using **Angular.JS**.
* Involved in creating and Deployment of REST API and MicroServices in Java J2EEE using **Spring Boot.**
* Implementation of authentication for Restful web services using Spring Boot Security Starter.
* Developing the application for incident creation and retrieving the events using restful web services with spring Boot.
* Worked extensively on spring boot for building web service.
* Extensively used **Core Java** such as Exceptions, and Collections.
* Designed the system based on **Spring MVC Model architecture**. Developed a business logic layer **using Spring Dependency Injection** and **client side Java-beans** for **DAO Design Patterns**.
* Used Maven for compilation and building JAR, WAR.
* Used **Log4J** for logging and tracing the messages.
* Used **STS** for developing, debugging, integrating and deploying the application.
* Maintained source code in **GIT** Repository.
* Involved in the day to day sprint development activities and delivered per sprint timeline.
* Written unit test cases using JUnit and Integration test cases and integrated with Jenkin jobs.
* Coordinated with the onsite and offshore developer’s w.r.t ongoing issues and follow up.
* Utilized Node.js to create a fast and efficient chat server.
* Responsible for the overall layout design that meet cross-device compatibility using Bootstrap, color scheme of the web site using HTML5, and CSS3 and Responsible for creating detailed wire frames and process flows.
* Used Hibernate as persistence framework for DAO layer to access the Oracle10g database.
* Proficient in using GIT for Version Control.
* Actively involved in code reviews and also in bug fixing.

**Environment:** Java, JSP, JavaScript, Ajax, JQuery, Angular2, Maven, Spring Boot, POS, DOJO, spring, Microservices, Backbone, HTML5, CSS3, Rest API, Log4J, GIT, Agile, Jenkins, XML, Windows.

**Client: Old National Bank, Evansville, IN March 2017 – Sep 2017**

**Role: Java/JEE Developer**

**Responsibilities:**

* Responsible for system analysis, design and development in JEE using **MVC** based architecture.
* Involved in various phases of Software Development Life Cycle **(SDLC)** as requirement gathering, modeling, analysis, architecture design & development and the project was developed using Agile Methodologies.
* End-to-end Project Management, including customization of product based on the customer's requirement, meeting delivery deadlines on development, testing, implementation phases of the system and customer relationship consulting.
* Developed the front end of the application using **HTML, CSS, JSP** and **JavaScript**.
* Implemented the design patterns like **DAO Factory, Singleton, Service Locator** and **Business Delegate**.
* Developed Object Model from **Hibernate mapping** files.
* Developed **JSP** and pages **HTML** using **CSS** as part of the presentation layer
* Used **ADF Framework** with strong Object Oriented background
* Developed Web Services to implement SOA using **SOAP, WSDL** and **UDDI** with **HTTP.**
* Data access layer is implemented using Hibernate.
* Involved in debugging the product using **Eclipse** 3.6 and **JIRA** Bug Tracking.
* Test automation for web application using **Cucumber**.
* Worked extensively in the backend **Oracle** database
* Used **Spring Batch** for scheduling and maintenance of batch jobs.
* Using **spring validation** framework for server side validation.
* Used various design patterns to direct best solutions.
* Helped to finish assignments using several frameworks such as: **Java applet, Spring MVC, Hibernate**.
* The several technologies were used to create and deploy web pages such as **JSP, JavaScript, HTML, and CSS**.
* Used **Hibernate** as ORM tool to store the persistence data into the Oracle database.
* Developed Web Services using **SOAP, WSDL** and **XML**.

**Environment:** Java, JEE, JavaScript, Hibernate, HTML, CSS, JSP, spring, Oracle, Windows, Apache Tomcat, MVC.

**Client: Avyavya Technologies, India June 2013 – Oct 2016**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Involved in **SDLC** Requirements gathering, Analysis, Design, Development and Testing of application using **AGILE methodology (SCRUM)**.
* Developed various product applications using **Java**, **J2EE** and related technologies
* Involved in development of middle layer business methods, which incorporated the core business functionality using **Singleton Beans**.
* Used **JSF1.2, JSP, JSF 2.2**(My faces) framework for building the application based on **MVC design paradigm**.
* Handled events and runtime errors using JSF event listeners and validations.
* Created user interface with the help JSF for standardized display technology which was formalized in a specification through the Java Community Process.
* Spring framework is used to implement Inversion of Control (**IOC**) and Aspect Oriented programming (**AOP**).
* **REST (JAX-RS)** web services have been developed to be consumed by middleware module to push the communication center messages into web module.
* Involved in configuring and integrating **spring** and **Hibernate** frameworks as the ORM tool develop the persistence layer.
* Used Spring MVC and restful web services such as **jersey**, **axis** frameworks.
* Responsible in testing the classes and methods using **Junit** test case for unit testing of application and **Log4j** to capture the logs.
* Developed the application using Spring Framework that uses Model View Controller (MVC) architecture with **JSP** as the view.
* Involved in creating the EAR files and deployed in the QA/UAT environments, deployed applications on **Jboss**.
* Developed back end interfaces using **PL/SQL** Stored Packages, Procedures, Functions, Collections and Triggers.

**Environment**: JAVA, J2EE, Maven, Spring, CXF, Hibernate, WebServices, SOAP UI, XML, Javascript, AJAX, Angular-JS, Grunt, Bootstrap, SASS, JSP, WSDL, SOAP, Log4j, JUNIT, JMockit, SPRING-IOC, JDBC Template, GIT, MVC, JBoss, eclipse, LINUX.