**Sujit Tiwari**

**tiwarisujit711@gmail.com** | (757) 742-4390

**Summary:**

* **7+ Years** of experience inDeveloping and Designing a Software Application for e-commerce, workflow and web-based arena using OOP concepts and Java Technologies.
* Experienced in full Software Development Life Cycle (**SDLC**) including requirement analysis, design, implementation, testing, integration, deployment, production support and maintenance.
* Expertise in **Agile/Scrum** Methodologies and conceptualizing, coding technical in Finance, Banking, Health Care and Insurance Domains.
* Developed web based and n-tier application using **Core Java** and related **JEE** technologies such as JDBC, JSP, Servlets, **Spring, Spring Boot, Hibernate**, **REST, SOAP, Microservices**, XML, XSLT, XSL, Maven, etc.
* Implemented **functional programming** using Java 8 with the help of new features such as Lambda expressions, Stream, Default methods. Also, refactored old java code to Java 8+.
* Great command in Spring framework including Spring Core, Spring **IOC**, Spring **AOP**, Spring **Web MVC**, Spring **Data JPA**, **ORM**, Spring **DAO**, Spring **Security**, etc.
* Experienced in using **SOA** concept and implementing **SOA** in Microservices based application.
* Well versed in developing Web APIs using **REST** concept.
* Created **RESTful** web services using JAX-RS, JSON, Jersey, Spring Rest (**Web MVC**) along with unit test cases for REST endpoints and API Documentation (using **Swagger**).
* Used **AngularJS** frontend to integrate REST endpoint for client.
* Used **Bootstrap** 4.0 from **Angular** 9.0.0 platform and point it to the root component of the application instead of Angular ng-app**.**
* Experience in using various servers like Tomcat, WebLogic, WebSphere, JBoss. Worked on projects ranging from monolithic enterprise application to deploy all kind of servlet container.
* Knowledge on deploying web application in **AWS** **EC2** instance.
* Expertise in **SOAP,** and **WSDL** technologies.
* Expert inObject Relational Mapping (**ORM**) and Java Persistence API (**JPA**) and Hibernate.
* Experienced in implementing persistence solutions using **JDBC** and **Hibernate** with various **SQL** databases such as H2, Oracle, MS SQL Server and MySQL.
* Experienced in writing **HQL** and **SQL** queries, stored procedures and triggers.
* Hands on experience with **NoSQL** databases such as **MongoDB** for Document Storage.
* Experience on using version control and bug reporting tools like GitHub, CVS, SVN and Jenkins for Continuous Integration and deployment.
* Hands on experience on **UML** design and Data Modeling using AgroUML and other tools.
* Extensive experience on **JUnit, Mockito, Spring Tes**t, and Test-Driven Development (**TDD**).
* Experienced with build and deployment tools includingMaven, Gradle.
* Experience in implementing application logging and investigating for debug issues using **SLF4J**, **Logback** and **Log4j**.
* **JVM performance** monitoring and **JVM tuning**. Tuned JVM for performance optimization using JVisual VM, JConsole and VM Args.
* Excellent team player with strong analytical and communication skills. Quick learner and self-motivated with ability to do multitask.

**Technical Summary**

|  |  |
| --- | --- |
| **Frameworks** | Spring Boot and Hibernate, MyBatis, Cucumber. |
| **Development Tools** | Eclipse, NetBeans, IntelliJ, Visual Studio, Microsoft SQL studio, Mongo DB, Maven, Node.js, Postman. |
| **Testing tools** | Selenium WebDriver, HP Quality Center/ALM, Junit, Testing, SOA |
| **Defect Tracking Tools** | Jira, Rally, Team Foundation Server  |
| **Web Technologies** |  HTML, CSS, XML, XPATH, JSP.  |
| **Webservices Testing** | SOAP UI, Rest API |
| **Methods** | Worked in most of the phases of Agile and Waterfall methodologies. |
| **Languages** | Java, SQL, C, C++, Java |
| **Operating System** | Windows Different distributions of Linux/Unix. |
| **Database System** | SQL, MySQL, MS-Access, Oracle. |
| **Domain Experience** | Banking and financial services, Telecom. |

**Professional Summary**

**JP Morgan Chase – Chicago, IL Jan 2018- Present**

**Java Developer**

**Responsibilities:**

* Involved in Requirement **gathering, Design, Analysis** and **Code development** by Agile.
* Automated project creation, **Network Firewall** and **Compute instance** creation using **Terraform**.
* Experience in containerizing and migrating application to **Kubernetes**.
* Kubernetes dashboard to access the cluster via its web-based user interface.
* Worked on implementing microservices on **Kubernetes Cluster**.
* Developed UI pages using **HTML5, CSS3, JavaScript, jQuery** and used **Bootstrap** for creating responsive web pages. Designed configuration XML Schema for the application and used JavaScript for the client-side validation.
* Created UI interfaces to manage user menu and Bulk update of Attributes using **Angular**, and **jQuery**.
* Created **Angular 9** components, implemented Interpolation, Input variables, **Bootstrapping**, **NgFor**, **NgIf, Router Outlet**, binding the click event, Component decorator, binding to the hidden property.
* Used advanced **Java 8** features like **Lambda expressions** for array operations, collections.
* Developed Python based API (**RESTful Web Service**) to track sales and perform sales analysis using **PostgreSQL**.
* Used **Spring inheritance, Auto-wiring, Core Containers, ORM** modules and **Spring Quartz** for scheduling tasks to generating reports and emails to clients. Experienced in implementing Microservices, Service Oriented Architecture (**SOA**).
* Used **Spring Framework AOP** Module to implement logging in the application to know the application status. Developed REST Web Services (WS) to consume those WS as well other enterprise wide WS.
* Used Spring Core Annotations for **Dependency Injection** and **Spring MVC** for **RESTAPI’s** and **Spring Boot** for Microservices. Used **Spring Security** for session fixation, clickjacking.
* Implementing the **Microservice** architecture with Spring Boot based services interacting through a combination of REST.
* Developed Microservices with **Spring Eureka** to retrieve API routes for the entire cluster. Using this strategy each microservice in a cluster can be load balanced and exposed through one **API gateway**.
* All the functionality is implemented using **Spring IO / Spring Boot** and **Hibernate ORM**. Implemented Java EE components using **Spring MVC**, **Spring IOC, Spring transactions** and Spring security modules.
* Used **Eclipse IDE** for coding, developing applications and deployed to local **WebSphere** Application Server.
* **Oracle Coherence** caching system in clustered distributed schema.
* Used Angular for development of static web pages for user-friendly interfaces.
* Implemented **SOA** architecture developing web services based on REST using **JAX-RS** with **Maven** dependencies.
* Implement REST classes using **SailPoint Rest Application**
* Developed **Backend Spring services** and spring data access layer using Spring Boot
* Worked on **Oracle11g database** concepts like locking, transactions, indexes, sharing, replication, schema design.
* Worked on creation of custom **Docker** container images, tagging, pushing images, integration of Spring boot.
* Worked on **Git** as version control management and **JIRA** as Defect management for bug, issue tracking of application.
* Used **JENKINS** for continuous integration (CI) and continuous deployment (CD) pipeline.
* Used **Maven** as a build tool for compilation and building **JAR, WAR and EAR** files and retrieved all the dependencies required for the running the application, **Log4J** for logging errors and control log statements.
* Deployed the application in **Google cloud Kubernetes**.

**Environment**: Java, J2EE, Spring boot, Pubsub, Kubernetes, Datastore, WebSphere, Hibernate, Jira, jQuery, IBM Udeploy, Splunk, HTML, CSS, JSON, Git, JAX-RS, Jenkins, Docker, Maven, Angular, Junit.

**Client: Commerce Bank, Kansas City, MO Aug 2014 - Dec 2017**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Developed centralized shopping cart service to support front end client applications and enhanced the existing pricing service for zone level pricing and customer specific pricing.
* Enhanced the Inventory Service which retrieves the inventory information. Migrated the **JBoss** application to a **Spring Boot application**. Converted the data layer from **Hibernate JPA** to **Spring Data JPA**
* Used **Spring Boot framework** and **Restful web services** for application development
* Involved in designing the data model for shopping cart which persists the cart by customer and store
* Implemented crud operations to persist the carts that are customer specific and store specific using Spring Data JPA and **Spring Data Cassandra**.
* Used **NoSQL database, Cassandra** for persisting shopping carts and **Oracle** as backend database for Pricing Service
* Worked on swagger **API docs** and set up **Swagger UI**
* Worked on refactoring the legacy JBoss applications, pricing service using **Spring Conversion service** to convert the entities from new data model to entities of legacy data model.
* Enhanced **Microservices** and implemented the business logic to accept new customer type in the service layer and implemented toggle functionality for the service
* Created custom annotations using **Spring AOP** concepts
* Created and maintained various **DevOps** related tools for the team such as provisioning scripts, deployment tools and staged virtual environments using **Docker**.
* Written Junit test cases using **Junit, PowerMock** and **Mockito** frameworks
* Used **Gatling** load scripts to performance test the application

**Environment**: Java 8**,** J2EE, Spring Boot 2.0.4, Spring Data, JBoss 6.4, Maven, Jenkins, Swagger 1.5.0, XML, JUnit 4.12, Oracle 11g, Hibernate 4.0, Jira, Restful, JSON, SQL, CQL, DB Visualizer, Cassandra, Oracle 12c, Soap UI 5.1, Postman, SVN, Agile, SDLC

**Client: Frontier Communications, Allen, TX Dec 2012 - Jul 2014**

**Role: Java/J2EE Developer**

**Responsibilities:**

**Responsibilities:**

* Involved in design, development, testing, and production deployment phases of the project using **Agile** methodology.
* Involved in Analysis and design of the project which is based on **OOAD** and Design patterns.
* Developed the **MVC** architecture using **Struts Framework**.
* Extensively worked on the **Spring JDBC** and Implemented a Module called Quote Service.
* Implemented the Business Logic in the **Quote Module** to insert the Data in the Tables.
* Used **Spring JDBC** to implement SQL Queries to insert, modify or delete the records in the database.
* Responsible for pagination for the application by integrating **Spring** framework**.**
* Involved in the application development using **Spring MVC** module and responsible for developing DAO layer.
* Used **EJB 3.0** Stateless beans to generate pick lists and to run Asynchronous Batch Jobs.
* **Apache CXF** is used along with Maven to generate WSDL and JAXB Objects.
* Used **Hibernate** to develop an application to manage reference data to store/retrieve data out of the database.
* Used **IBM WebSphere** as the Application server to load the application.
* Worked with **SOA** to integrate the Backend with the application.
* Used **Soap UI** for testing Web Service.
* Developed the necessary **Struts** Action and Action Forms for the applications.
* Designed and developed reusable web interface components using **Struts** and **JSP Tag Libraries.**
* Implemented **Client-side Validation using JavaScript, jQuery**.
* Implemented the view layer using **JSP** and **JavaScript, HTML, CSS**.
* Used **Struts Validator Framework** to do server-side validations.
* Worked with Design Patterns like **Session Facade**, **Front Controller**, **and DTO** and **DAO pattern**.
* Designed and developed **Servlets**, **JSP’s** to implement business logic and deployed them on the **Web Logic** Server.
* Developed **Restful web services** that managed the multiple parallel client access scenarios.
* Involved in the unit testing using **JUnit** test cases.

**Environment:** Spring Boot, Spring Batch, Maven, Oracle, SQL Developer, REST, JAVA 8, core Java, J2EE, Selenium