**Sujan Shakya**

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**Summary:**

* 5+ years of experience in Software Development Life Cycle (**SDLC**) in **Core Java/J2EE** technologies.
* During the span of 5 years worked on multiple **Waterfall** and **Agile** based projects. Designed, Development and unit tested projects during the Software development lifecycle.
* Expert in Core Java concepts like Collections, Multithreading, Event handling, Exception handling, Generics and Garbage Collector
* Experience in implementing several Object-Oriented Design patterns such as Model View Controller (MVC) frameworks, Front Controller, Business Delegate, Session Facade, Service Locator, DAO, DTO, Singleton, Factory Model.
* Experience in Open-Source Java frameworks like **Spring**, Dependency Injection, Inversion of Control, Aspect-Oriented Programming, **Hibernate**, and **Struts**.
* Expertise in front end technologies like **HTML5**, **CSS3**, **AJAX**, **JavaScript**, **jQuery**, **Angular**, **JSP**, **JSF,** **NodeJS**, and **Bootstrap**.
* Worked on Service Oriented Architecture (**SOA**) such as **Apache Axis** web services which use **RESTful. SOAP, WSDL**.
* Expertise in developing apps using **Eclipse, NetBeans, IntelliJ** and deploying them on Application & Web Servers like WebLogic, Tomcat, and JBOSS.
* Developed several **stored procedures, Triggers** and cursors in the process of interaction with relational databases. Worked on **Oracle 11g, SWL Server** and no SQL databases like **MongoDB.**
* Experience in Configuration Management tools like **GIT, CVS, SVN**.
* Experience in Amazon Web Services like EC2, S3, RDS, Elastic Load Balancing, SQS, **AWS** Identity and access management, Cloud Watch, EBS and Cloud Front.
* Experience in unit testing the applications using **J-Unit** Framework and developed logging and standard mechanism based on **Log4J.**

**Technical Skills:**

**Languages** Java, J2EE, SQL/PLSQL, Unix Shell Scripting**RDBMS** Oracle, MS SQL Server, MySQL **Application Servers** Tomcat, WebLogic, JBOSS

**Web Technologies** JSP, XML, JSON, HTML5, JavaScript, CSS3, Servlets, JSF, AJAX, JSTL, Angular, Bootstrap, Node.JS, Typescript, REST, SOAP, AWS

**Tools** ANT, Maven, Jenkins, GIT, CVS, SVN

**Operating Systems** Windows, Unix, Linux

**Professional Experience:**

Client: Liberty Travel, Montvale, NJ April 2020 - Current

Java/J2EE Developer

Responsibilities:

* Involved in SDLC requirements gathering, analysis, design, development and testing of application developed using AGILE methodology.
* Designed entire framework to support Test Driven development (TDD) by making use of Dependency Injection through unity framework and developed a generic repository.
* Used Rational Rose for Use-case diagrams, Activity flow diagrams, Class diagrams and Object diagrams in the design phase.
* Used Spring MVC and Hibernate ORM to map Java classes to data base tables using various annotations and POJO classes.
* Worked with Spring Boot for implementing the application and used Spring Security for security purpose.
* Implemented ORM in the persistence layer using Hibernate framework, Spring Data JPA and mapped Java objects to tables in relational database.
* Used Angular 2 as framework to create a Single Page Application (SPA) which can bind data to specific views and synchronize data with server.
* Involved in User Interface (UI) operations and client-side validations using AJAX toolkit and implemented jQuery for providing interactive user interfaces.
* Developed REST Web services to make web service calls simple and easy for the client to access it with the help of standard HTTP URIs.
* Created schema documents for XML validation and developed XML schemas.
* Managed Docker deployment pipeline for custom application images using Jenkins.
* Applied Microservice architecture with Spring Boot based services interacting through a combination of REST and Apache Kafka message brokers.
* Configured Kafka to read and write messages from external programs and handle real time data.
* Worked in designing the Database and Developed Stored Procedures, Triggers, Functions and Cursors for efficient usage of data from Oracle Database.
* Deployed Spring Boot based Microservices Docker container using Amazon EC2 container services and using AWS admin console.
* Worked on configuration and usage of Apache Log4J for logging and debugging purposes.
* Used Eclipse as IDE tool to develop the application
* Created Tomcat instances and modified each and removed shared component.
* Used GIT as source control management giving a huge speed advantage on centralized systems that must communicate with a server.
* Implemented Unit and Integration test cases with J-Unit based on Functional Flow.
* Using JIRA to manage the issues/project workflow.

Client: Blue Cross Blue Shield, Chicago, IL July 2018 – March 2020

Java/J2EE Developer

Responsibilities:

* Involved in various phases of SDLC of the application like Requirement gathering, Design, Analysis and Code development.
* Designed UML diagrams like Use Case, Class and Activity diagram based on requirements.
* Used Java/J2EE patterns like Model View Controller (MVC), Business Delegate, Data Transfer Objects, Data Access Objects, factory patterns.
* Used Spring AOP for logging, auditing and transaction management to distinguish business logic from the cross-cutting concerns.
* Created data model & generated mappings & domain objects using Hibernate tools.
* Interfaced with the MySQL backend database by integrating Spring with Hibernate.
* Created HTML navigation menu that is role-based menu items changes dynamically, derived from the database in the form of XML.
* Created interface to manage User Menu & Bulk update of Attributes with Angular & jQuery.
* Implemented the Angular 2 in creating animations based on CSS classes.
* Developed additional UI Components using JSF and implemented an asynchronous, AJAX (jQuery) based rich client to improve customer experience.
* Used Java Message Service for reliable and asynchronous exchange of important information for status report.
* Used Spring Kafka API calls to process the messages on Kafka Cluster setup.
* Achieved Continuous Integration and Continuous Deployment using Jenkins and used Maven as a built tool.
* Implemented JMS providers in order to send requests or obtain responses across different environments in the form of Message Queues.
* Configured S3 lifecycle of Applications & Databases logs, including deleting old logs, archiving logs based on retention policy of Apps and Databases.
* Responsible for modifying existing stored procedures and writing SQL queries as per requirement for SQL Server.
* Performed Backend Testing to ensure data consistency on frontend by executing SQL statements on SQL Server Database manually.
* Used Hibernate ORM tool in data access layer to map the object view of data into database and to provide access and update information in the database.
* Used Tortoise SVN for software version control and Log4J to monitor the Error Logs.
* Wrote unit testing codes using JUnit, resolved bugs and other defects using Eclipse.

Client: CorVel Corporation, Portland, OR Jan 2017 – June 2018

Java Developer

Responsibilities:

* Followed Agile software development methodology in building the system in an iterative and incremental manner.
* Implemented various J2EE Design patterns like Singleton, Service Locator, Business Delegate, DAO, Transfer Object, and SOA.
* Implemented Spring MVC, which includes writing Controller classes for handling requests, processing form submissions and performing validations.
* Developed a custom, single-page, responsive web design on front end using AngularJS.
* Fixed bugs with HTML and JavaScript codes and worked on resolving browser compatibility issues.
* Used CSS3 along with Responsive Web Design (RWD) to apply assorted styles to the layouts for varying screen sizes and pixels.
* Developed forms for user event handling and validations using JavaScript's and AJAX.
* Developed SOAP web services utilizing business logic for CRUD functionality.
* Developed an API to write XML documents from a database. Utilized XML and XSL Transformation for dynamic web-content and database connectivity.
* Used JMS for programs to create, send and receive messages by using different modules like publish-subscribe messaging and point-to-point messaging using MQ Series.
* Development of Entity classes as per the device level data and transactional level data and establishment of relationships between them using Annotations.
* Worked in configuring data source & JNDI Configurations in Tomcat application server.
* Used MySQL as backend database and used complex SQL queries in development of Stored Procedures, Functions, Packages and Triggers.
* Worked with Database Administrator team to finalize table design, indexes and stored procedure code.
* Developed server-side software modules and client-side user interface components deployed entirely in Compute Cloud of Amazon Web Services (AWS).
* Used JIRA to assign, track, report and audit the issues in the application.
* Used GIT to maintain the version of the files and took the responsibility to do the code merges and creating new branch when new feature implementation starts.
* Develop and execute Unit Test plans using J-Unit ensuring that results are documented and reviewed with Quality Assurance teams responsible for integrated testing.

Aquesta Bank, Charlotte, NC Feb 2016 – Dec 2016

Java/ J2EE Developer

* Involved in the requirements review, design, development, Unit testing and Bug fixing of the system and used Agile Development methodology.
* Developed modules in Java and integrated with MySQL database using JDBC.
* Worked as a member of Maintenance team and performed debugging of the code.
* Setup the class path for the Java IDK and managed the Java Virtual Machine (JVM) settings.
* Prepared client-side scripts using Java and JavaScript.
* Created Connections using Spring JDBC to the database (Oracle 11g) and developed SQL queries to manipulate data.
* Generated Hibernate configuration files hibernate mapping files and Hibernate Data Objects to communicate data in persistent layer.

Environment: Java, JavaScript, Soap UI, Agile, JDK 1.7, J2EE 1.5, Spring 2.0, Hibernate, Eclipse Juno, Oracle, JDBC, JSF, MySQL.