**Simran Tamang**

**Full Stack Java Developer**

**Professional Summary**

* Over 6 years IT experience as a Web Developer in developing cutting-edge web and enterprise applications using Core Java, JavaScript, jQuery, Spring 4, Hibernate 3, APIgee, SOAP and Restful Web Services, HTML5, CSS3, Angular.js, Node.js and Express, BootStrap3, Ajax, JSON, MongoDB, Oracle, MySQL, JSP, JDBC, Servlets, Struts 2 and XML.
* Proficient in Server-side Java and J2EE technologies Spring, Hibernate, Struts, EJB's, RMI, JMS, JSP, Servlets, Java Beans, Custom Tag Libraries, Web Services, JSF, JSON.
* Extensively worked on core java concepts like Inheritance, Abstraction, Encapsulation, Polymorphism, Exception handling, Multi - Threading and Collections Framework.
* Experience on different IDEs such as Eclipse, IntelliJ and deployment using Application Servers like Apache Tomcat, WebLogic, Web Sphere and JBOSS.
* Experience in Strong application development using Agile Software Development methodologies like Scrum, Sprint and Traditional software models like Waterfall and Test-Driven Development.
* Good understanding and working knowledge in Oracle and MySQL as well as NoSQL Databases such as MongoDB.
* Developed REST Microservices using Spring Boot, Spring Cloud and Docker and deployed them to AWS
* Expert in producing and consuming REST and SOAP Web Services with different APIs like JAX-WS, JAX-RS, JAX-B and implementing using Jersey and Spring REST.
* Experience in integrating the internal security model into new projects with Spring Batch, Spring Microservices and Spring Boot, Pivotal Cloud Foundry and Netflix Eureka.
* Expertise in developing GUI using Web-Development technologies like HTML, DHTML, DOJO, JavaScript, CSS, HTML5, Angular JS, Node.js, Bootstrap, Spring Boot, JSF and jQuery and very good experience in developing Single Page Applications (SPA) on the client side using Angular 5.
* Good experience in JSP/Servlets, MVC architecture, JDBC, oracle, PL/SQL, XML.
* Good knowledge in OOPS concepts, UML.
* Good experience in Eclipse IDE, IntelliJ.
* Well versed in developing web services applications and inter process communication applications using JTA, RMI, JMS, SOAP and XML schema.
* Expertise in developing data models using Hibernate Object relational mapping (ORM) framework and used Hibernate Annotations to reduce time at the configuration level.
* RESTFUL contracts, versioning and documentation with Swagger, Tested endpoints which we created with the help of postman.
* Expertise in developing enterprise applications using Jenkins for Continuous Integration and Continuous Deployment (CI/CD) and extensive experience with Splunk.
* Extensive experience in Amazon Web Services (AWS) like EC2, Simple DB, RDS, Elastic Load Balancing (ELB), SQS, SNS, AWS Identity and access management, AWS Cloud Watch, Elastic Beanstalk, Elastic Cache, AWS EMR and CloudFront, Redshift.
* Worked with RabbitMQ, Apache Kafka for reliable and asynchronous exchange of important information between the multiple business applications.
* Hands-on experience using Source Code Control Systems like SVN, GitLab, GitHub.
* Experience with Test Driven Development (TDD) and Pair Programming.

**Technical Skills**

|  |  |
| --- | --- |
| Java Technologies | Java 1.4/5/6/7/8, JDBC, Spring 2.5/3, Hibernate 3.x/2.x, Web Services, SOA, SOAP, Axis 1.x/2.x, EJB 1.1/2.0, Struts 2.0, Servlets 2.1, JSP, React,1.2, Angular 2, 8, JSTL, JMS, JNDI, Applets, JNI, RMI, Jersey, Apache CXF, JMX, Swings. |
| Methodologies | UML Design Methodologies, Agile (Scrum, Kanban), and Waterfall. |
| Languages | Java, J2EE, JSP, Servlets, XML, XSD, XSLT, JAXB, Swing, Applet, Ajax, JavaScript, jQuery, GWT, GXT, Angular JS, PL/SQL. |
| Application Frameworks | Spring Framework (MVC, Boot, Core, JDBC, AOP, Security, Batch, Rest). |
| Application Servers | WebSphere, Apache Tomcat 5.5, JBoss 3.2.7 |
| RDBMS/Tools | MySQL (4.x, 5.x), Oracle (8i/9i/10g), DB2 8.1, SQL Server 2000/2005/2008, MongoDB, Cassandra. |
| XML Technologies | XML Parsers (SAX, DOM, Pull), XSL, XSLT, JIBX, JAXB |
| UI Technologies | AngularJS, JavaScript, HTML, CSS, Java AWT, Java Swing, AJAX, GWT, DWR, DOJO |
| Version Control | CVS, SVN, VSS, Rational Clear case, GIT. |
| IDE & Tools | Eclipse 3.1, IntelliJ IDEA 6.5, Maven 2.0, Ant 1.x, Log4j, JBuilder, UML, Mercury Quality Center |
| Test Frameworks | JUnit 3.3.1, HTTP Unit 1.6.2, DB Unit, Mockito, Selenium, Jasmine, Karma |
| Operating System | Windows XP / Vista, LINUX, UNIX, UNIX Shell Scripting, OSX. |

**Project Summary**:

**Country Financials Bloomington, IL Oct 2020 to till date  
Full Stack Java Developer**

**Responsibilities:**

* Involved in the complete SDLC (software development life cycle) of the application from requirement analysis to testing.
* Followed Agile Methodology in analyzing, defining, and document the application, which will support functional and business requirements. Coordinate these efforts with Functional Architects.
* Used Spring Boot for developing Microservices, REST to retrieve data from client-side using Micro Services architecture and Pivotal Cloud Foundry (PCF) for deploying Microservices.
* Extensively used Core Java 1.8 concepts and implemented Collections, I/O, Exception Handling and Generics in logic design and development.
* Good working experience in web Designs which includes HTML5, XHTML, XML, CSS3, JavaScript, jQuery.
* Designed and developed various modules of the application with J2EE design architecture and frameworks like Spring Boot architecture and Spring Bean Factory using IOC concepts.
* Developed UI components using Angular 8, JavaScript, HTML tags, CSS, Ajax and jQuery.
* Used RESTFUL APIs using HTTP Handlers in developing Web Service replication interface for setting up data feeds for content transportation in XML and JSON formats.
* Experience with Responsive Web Design, Bootstrap and Play grid framework.
* Worked on creating WAR/EAR files from maven and deployed them on Apache Tomcat.
* All the functionality is implemented using Spring Boot, Micro Services and Hibernate ORM.
* Used Spring Core Annotations for Spring DI, Spring MVC for REST APIs and Spring Boot for MicroServices.
* Designed and developed the REST based Microservices using the Spring Boot and Spring Cloud
* Implemented the associated business modules integration using spring and Hibernate data mapping.
* Implemented Object-relational mapping using Hibernate framework to fetch the data from Oracle 11g database.
* Developed MongoDB Data Access Layer implementing Mongo Repository interface from Spring Data.
* Used Streams and Lambda expressions.
* Used Spring MVC module to develop MVC Architecture.
* Setup the continuous Integration (CI) and continuous Deployment (CD) process for the application using Jenkins.
* Implemented Micro Services based Cloud Architecture on AWS Platform and Cloud Foundry.
* Used spring config server for centralized configuration and Jenkins for Microservices deployment.
* Experience in Amazon Web Services.
* Implemented log4j logging framework by creating various Splunk monitoring tools dashboards for easy racking and debugging.
* Deployed Spring Boot based Micro services Docker container using Amazon EC2 container services and using AWS admin console.
* Setting up the automatic build and deployment automation of the project by using JENKINS and Maven.
* Experience on implementation of version control software GIT repositories.
* Provided Technical support for production environments resolving the issues, analyzing the defects, providing and implementing the solution defects.

**Environment:** Java 1.8, Html5, Css3, JavaScript, Angular 2/4, Micro Services, Restful Web Services, Hibernate 4.2, Spring 4, Spring Boot, Spring MVC, Oracle 11g, MongoDB, Tomcat, Kafka, Maven, Jenkins, Jira, Log4j, JUnit, TestNG, Git.

**Macy’s Inc, Atlanta, GA Sep 2018 - Jul 2020  
Java Developer**

**Responsibilities:**

* Created Maven build file to build the application and deployed on WebSphere Application Server
* Optimized UML design using patterns like DAO, Factory, Service Locator and Business Delegate
* Used JavaScript for Client-Side validations.
* Has created SQL procedures, functions and complex SQL queries for admin services.
* Using Java Messaging Service JMS for messaging, configured queues and topics on the WebLogic 10.3 Application Server and used them for messaging.
* Developed Oracle PL/SQL Stored Procedures and Queries for Payment release process and authorization process.
* Developed PL/SQL procedure for login module and registration module.
* Defined and constructed layers, server-side objects and client-side interfaces based on J2EE design patterns
* Developed and implemented spring, JSF My Faces and J2EE based MVC (Model-View-Controller) framework for the application.
* Developed Servlets and JSPs based on MVC pattern using Strut’s framework and Spring Framework.
* Deployed the application on WebLogic Application Server cluster on Solaris 10 environment
* Implemented Persistence layer using Hibernate to interact with the Oracle database, Used Hibernate Framework for object relational mapping (ORM) and persistence.
* Designed and developed Enterprise Eligibility business objects and domain objects with Object Relational Mapping (ORM) framework such as Hibernate.
* Adopt Agile Methodology to plan using JIRA.
* Development of UI modules using HTML, JSP, JavaScript, AngularJS and CSS.
* Implemented application-level persistence using Hibernate and Spring.
* Used Microservice architecture with Spring Boot based services interacting through a combination of REST and Apache Kafka message brokers.
* Consumed Restful Web services where the transmission of data is in JSON format, DATA MAPPING, Addressing and Secure to Routing.
* Developed JSP custom tag libraries, and associated support in the Action Servlet, that assists in creating interactive form-based applications, which is the one of the primary areas of functionality using Struts Framework.
* Used JQuery to make the frontend components interact with the JavaScript functions to add dynamism to the web pages at the client side.
* Used Ajax calls extensively – using JQuery, inside the WebApps and creating a seamless flow of Quotes.
* Used JBOSS application server for run time integration of j2ee applications.
* Developed Servlets and JSPs based on MVC pattern using Spring Framework.
* Developed and implemented the business logic component in middle tier using JDBC and EJB framework including stateless session classes and Entity bean classes
* Used JDBC to connect to the information model tier.
* Used Eclipse IDE for designing, coding and developing applications
* Written JUNIT(TDD) test cases for testing Spring Framework classes and wrote many Java Scripts to do client-side validations.
* Developed the Web Based Rich Internet Application (RIA) using J2EE (Spring framework) and Macromedia/Adobe Flex.
* Configured Maven dependencies for application building processes that created Pom.xml files.
* Involved in Agile planning and Estimation Sessions of user stories and also participate in Scrum Meetings to update the status daily.
* Utilized Web 2.0 social media strategy tactics to increase company visibility by 110%
* Design, develop and test of SOA services using SOA / Web Service / Oracle Fusion Middleware.

**Environment:** Core Java, J2EE 1.6, Spring, Hibernate, JSP, JSF, CSS3, HTML5, Tomcat, Spring MVC, JNDI, RESTFUL, SOAP, HTML, XML, Oracle 10g, PL/SQL, JavaScript, Tomcat, Eclipse 3.7

**EWS, Scottdale, AZ Mar 2016 - Aug 2018**

**Jr. Java Developer**

**Responsibilities:**

* Designed and developed Microservices using REST framework and Spring Boot and used Bootstrap along with Angular in creating the Application.
* Used NodeJS for doing non-blocking design operations for server-side code and Angular framework in developing various UI components.
* Used Java8 features in developing the code like Lambda expressions, creating resource classes, fetching documents from the database.
* Used Spring framework including spring core/IoC, Spring Web, Spring Security and implemented the authentication, authorization, and access-control features by using Spring Security.
* Implemented REST based web services using JAX-RS annotations, Jersey provider and consumed using HTTP services from angular modules.
* Created unit tests using Junit and easy mock.
* Worked with the quality assurance team in testing the application.
* Created PL/SQL based stored procedures, functions, queries and triggers for the Oracle 11 G database.
* Develop and execute Unit Test plans using JUnit, ensuring that results are documented and reviewed with Quality Assurance teams responsible for integrated testing.
* Provided extensive pre-delivery support using Bug Fixing and Code Reviews.

**Environment:** Java 8, REST APIs, JAX-RS(Jersey), Spring framework, Angular, NodeJS, PL/SQL, Oracle 11G, Junit, Mockito.