**Sandesh Paudel**

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**Professional Summary:**

* Over 6+ years of software development experience in requirements analysis, design, coding, testing, and production support of scalable, Multi-Tier distributed fault-tolerant Enterprise applications while meeting realistic implementation schedules and adhering to development goals and principles.
* Strong knowledge and experienced in multi-tiered distributed environment, OOPS and OOAD concepts, good understanding of Software Development Lifecycle (SDLC) and Service Oriented Architecture (SOA).
* Excellent knowledge and experience of developing applications with MVC using Struts framework and Spring framework.
* Expertise in developing and updating a web page quickly and effectively using HTML5, CSS3, AngularJS, Bootstrap and jQuery with the webpage Cross Browser Compatibility and Responsive Web Design.
* Involved in development of SOAP based web services using WSDL, SOAP, JAXB, CXF, AXIS, JAX-WS and Restful web services using JAX-RS, CXF.
* Good experience with Source code management collaboration tools GIT, SVN, GitHub, Bitbucket, Gitlab, AWS-Code commit.
* Experience on building Docker images and deploying them in Docker container with Jenkins.
* Experience in migrating on premises infrastructure to AWS and Worked on Jenkins severs for continuous integration and for End to End automation for all build and deployments.
* Knowledge of application development for Cloud platforms using technologies like Java/J2EE, Spring Boot, Spring Cloud, Microservices. Experience in Microservices and Spring Boot application development.
* Knowledge of XML and related technologies like XSL, XSLT and parsers like JAXP (SAX, DOM), JMX and JAXB.
* Application development in different environments like Windows, Linux and UNIX.
* Experience in implementing web-based projects using Web/Application Servers such as WebLogic, Apache Tomcat, IBM WebSphere, and JBOSS Application Server.
* Strong experience on various J2EE Design Patterns such as Session Façade, Singleton, Factory Method, DAO, Front Controller, and Delegate Pattern and SOLID design principles.
* Experience with databases such as Oracle, SQL Server, MySQL, DB2 and MS Access.
* Work with Development, Storage and Network teams in installation and administration of MongoDB in the IT Enterprise Environment.
* Hands-on experience working with the JMS provider IBM MQ Series. Developed Message Driven Beans (MDB) and extensively used the JMS API.
* Good Working Knowledge of ANT and Maven for project build/test/deployment, Log4j for logging, and JUnit for unit testing.
* Created multiple Kubernates Clusters in AWS and deploying a Docker image on top of Kubernates Cluster for testing purpose.
* Good understanding of Business workflow, Business logic and Business methods for further implementation of user requirement in a distribute application environment.

**Technical Skills:**

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| **Languages:** | Java, SQL, PL/SQL,  |
| **Java/J2EE Technologies:** | J2EE, Servlets, JSP, EJB, JSTL, JDBC, JSF, JavaBeans, Struts, MVC, Hibernate, Spring, Log4j, XML, JMS, JNI, JMX, Junit, Web services and Custom Tags. |
| **Web Technologies:** | HTML, JavaScript, CSS, AJAX, XML, JSP, AngularJS. |
| **Frameworks and IDE's** | Spring, Hibernate, JPA, Spring Boot. |
| **Application Servers:** | Apache Tomcat, WebLogic, WebSphere, JBOSS. |
| **Databases:** | Oracle, SQL Server, PL/SQL and My SQL, MongoDB. |
| **Operating Systems:** | Windows, Linux, UNIX. |
| **Web Services:** | WSDL, SOAP, JAX-WS, JAX-RS and REST API, AWS, Microservices. |
| **Version Control Tools:** | SVN, Git hub, CVS.  |
| **Build Script:** | Maven, Ant, Jenkins. |
| **IDE's:** | Eclipse, NetBeans, Spring. |
| **Methodologies:** | Agile, Waterfall, SDLC, Iterative. |

**Professional Experience:**

**Client: Prudential Financial, Brooklyn, NY January 2020 till Now**

**Role: Full Stack Java Developer**

**Responsibilities:**

* knowledge and experienced in multi-tiered distributed environment, OOPS and OOAD concepts, good understanding of Software Development Lifecycle (SDLC) and Service Oriented Architecture (SOA).
* Gathered and clarified requirements with business analyst to feed into high-level customization design, development and installation phases.
* Involved in development of presentation components using react, CSS3, HTML5 and Boot strap.
* Designed and developed Micro Services business components and RESTful service endpoints using

 Spring boot.

* Developed API for using AWS Lambda to manage the servers and run the code in AWS.
* Developed of presentation layer using JSP's, HTML, CSS, JavaScript, JQuery and Angular7, and Angular6.
* Designed and Developed the UI screens using JavaScript, Angular JS, CSS3 and HTML5.
* Designed and developed Micro Services business components and RESTful service endpoints using Spring boot.
* Responsible for design of WSDL files and schema changes and hosting using SOAP based Web Services Axis2 and XML Beans.
* Micro Services were being used as a strategy to gradually replace a core monolithic application while still adding business features.
* Used Rest angular in Angular2 service to make GET/POST/PUT/DELETE to deal with API request and response from Angular2 to send the request and get the response from Node.JS.
* Worked on Java8 with lambda, groovy, spring and spring boot.
* Used Java 1.8 fundamentals like parallel streams and filters through lambda expressions to handle searching.
* Developed rest-API using SPRING BOOT.
* Experience in creating JavaScript for using DML operation with MongoDB.
* Implemented the authentication and authorization of the application using Spring Security and Oauth2.
* Implemented Multithreading, Concurrency, Exception Handling, and Collections whenever necessary.
* Prepared calls through Hibernate and Spring JDBC for Interacting with the Database.
* Deployed Java applications in Docker containers to AWS machine images.
* Performed data extraction and loading the JSON data with the server-side content into the Mongo DB.
* Used Active MQ to communicate with controller and used service layer to implement the business logic.
* Used AJAX to make asynchronous calls to the framework which formatted the request (basically JSON data) using the JSON to Java Transformer mechanism inbuilt into the framework.
	+ - * Involved to write custom Directives, Controllers and services Using Angular2.
* Involved in creation of logs using Log4J for error tracking
* Used Maven build tool for build process
* Datacenter migration to Amazon Web Services (AWS) infrastructure and provided initial support to Applications and Database teams.
* Created Micro services as part Lambda function development using Node JS server less architecture.
* Created multiple Kubernates Clusters in AWS and deploying a Docker image on top of Kubernates Cluster for testing purpose.
* Create AWS instances via Jenkins with EC2 plugin and integrated nodes in Chef via knife command line utility.
* Involved in Agile Methodology process, which includes 2 weeks’, sprints and daily Scrum to discuss the design and work progress.

**Technologies Used**: **Agile, Java/J2EE, Angular JS, HTML, JIRA, XML, CSS, JavaScript, XHTML, AJAX, Spring MVC, Spring Boot, Hibernate, Oracle, SQL, MongoDB, JMS, REST Web Services, AWS, Microservices, Log4j, Servlets, Junit, ANT, GIT and Windows.**

**Client: BNYM, New York city, NY September 2017 till December 2019**

**Full Stack Java Developer**

**Responsibilities:**

* Responsible for requirements gathering, analysis and design. Involved in development and testing of the complete business solution.
* Designed and developed UI screens using Angular JS, HTML5, CSS3, JavaScript, JSON and AJAX.
* Developed custom Angular JS directives to build custom reusable components to use across the application pages.
* Used Spring framework including Spring Beans, Spring AOP and Spring Boot.
* Used Spring Beans to encapsulate business logic and Implemented Application MVC Architecture using Spring MVC.
* Implemented Swagger Configuration in Java Spring boot for auto generating swagger json files for REST API calls.
* Developed server-side application to interact with database using Spring Boot and Hibernate.
* Designed various tables required for the project in Oracle database and involved in coding the SQL Queries, Stored Procedures and Triggers in the application.
* Designed and developed restful API and services using best practices to interact within the Microservices and with the front end.
* Developed components of REST web services end to end, using different Annotations.
* Developed complex service components for Data Access Layer, DAO classes to interact with backend using Java and Hibernate Framework.
* Worked as part of Micro services team to develop and deliver Maven projects to deploy on Jenkins and also having experience in managing the Docker containers in Kubernetes.
* Developed the automated unit test cases for the Microservices using Junit, Mockito, and Sonar and deployed them in the Jenkins pipeline.
* Create Internal and External services, Entity services and handlers.
* Wrote SQL queries and PL/SQL – Stored procedures, functions, triggers, cursors, sequences, and indexes, which are going to be invoked by Batch processes.
* Unit and integration test cases are being designed and developed using JUnit.
* Worked with QA team to resolve the defects as part of the Sprint tasks.
* Worked on deploying war files to WebSphere server through administrative console.

**Technologies Used**: **Java/J2EE, Agile, Scrum, Angular JS, HTML, CSS, JavaScript, XML, AJAX, Spring Boot, Spring ORM, Hibernate, SQL, Oracle, MongoDB, Servlets, Microservice, Tomcat, Log4j, Junit, REST, JSON, Eclipse IDE, GIT, Maven and Windows.**

**Client: Mac Cosmetic, New York city, NY January 2015 till August 2017**

**Role: Java/J2EE Developer**

**Responsibilities:**

* Responsible for design and implementation of the architecture for the project using OOAD, UML design patterns.
* Involved in different stages of Software Development Life Cycle SDLC including analysis, designing, coding, and testing.
* Involved in developing Classes diagram in UML showing generalization and other relationships, Sequence diagram describing the interaction of objects over time.
* Implemented Spring framework for the backend development. Used Spring AOP and Dependency Injection (IOC) in developing discount generation Services. Configured and accessed Hibernate with Spring IOC.
* Used multi-threading in programming to improve overall performance using Singleton design pattern in Hibernate Utility class.
* Designed and developed User Interface using HTML5, CSS, JavaScript, jQuery, AJAX and JSON.
* Applied AJAX, JavaScript and jQuery to handle asynchronous requests from clients.
* Used XML Web Services using SOAP to transfer information to the supply chain and domain

 expertise Monitoring Systems.

* Used the responsive utilities of the Bootstrap frameworks to facilitate the design displaying properly on different devices.
* Worked on Restful web services which enforced a stateless client server and support JSON few changes from SOAP to Restful Technology Involved in detailed analysis based on the requirement documents.
* Deployed allocations in the JBOSS application servers and written automation scripts on UNIX boxes.
* Developed Oracle PL/SQL Stored Procedures and Queries for Payment release process and authorization process.
* Implemented Log4J for Logging Errors, debugging and tracking.
* Implemented Maven build tool to build jar files.

**Technologies Used: Java, J2EE, Maven, XML, jQuery, CSS, HTML, Java Script, AJAX, SOA, Spring, Hibernate, MVC, REST, Oracle, PL/SQL, Servlets, JBOSS, UML, Scrum, Log4j, GIT, JUnit, Eclipse and Windows.**

**Education:**

**Bachelor’s in Computer Science, Troy University, Troy, AL.**