**Niharika Songa**

**Sr. Java Full Stack Developer**

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**Professional Summary:**

* Around **8+ years** of Professional Experience in all phases of Software Development Life Cycle (SDLC) that includes Requirements Gathering, Analysis, Design, Implementation and Maintenance and Testing using various methodologies using Java/J2EE.
* Expertise in application development using J2EE technologies like Servlets, JSP, JDBC, JPA, and JMS.
* Experience in open-Source Frameworks: Struts Framework, Spring Framework, Spring MVC, Spring Batch Framework and Hibernate.
* Expert in developing core Java 8 concept lambda Expression, Try with Resource.
* Implemented Agile Scrum Methodology to improve communications between Engineering, Product Management, and Business; to provide more transparency across the 3 departments; and to obtain great business value with short turnarounds.
* Strong front-end UI development skills using scripting languages like JSP, HTML, JavaScript, AJAX, jQuery, and CSS.
* Experience with AWS (Storage, Application Services, Deployment and Management) and managed servers on AWS platform instances using Puppet, chef configuration management.
* Implemented SOA architecture with Web Services using SOAP, REST, WSDL and UDDI.
* Expert in Query writing using SQL, Procedures, Functions and Packages using PL/SQL.
* Proficient in using RDBMS concepts with Oracle, DB2, MySQL and SQL Server.
* Expertise in Database Design, Creation and Management of Schemas, writing Stored Procedures, Functions DDL, DML and SQL queries.
* Competence in using different Java IDEs like Eclipse, NetBeans and RAD for developing Dynamic Web Applications.
* Manage and monitor large production MongoDB shared cluster environments having terabytes of the data.
* 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.
* Experience in installing, configuring, and maintaining Application Server like Web Sphere and Web Servers like Web Logic, Apache HTTP and Tomcat on UNIX and Linux.
* Experience in working with version control systems like Subversion, Clear Case, Perforce, GIT and used source code management tools like Tortoise SVN, GitHub and Bit Bucket.
* Highly proficient in using frameworks like Struts, Hibernate, Spring and Design Patterns such as, Session Façade, Front Controller, Data Access Object (DAO), Value Object, Singleton, Service Locator for executing multi-tier, highly scalable, component based, services driven, test driven enterprise applications.
* Team player with demonstrated ability to work fast paced, challenging environment with excellent debugging and problem-solving skills.
* Strong interpersonal skills, analytical ability, communication skills, writing skills, highly organized to meet the deadlines and ability to grasp and adapt to the rising technologies.

**Technical Skills:**

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| **Programming Languages** | Java, C, C++, SQL, PL/SQL, XML. |
| **Web Technologies** | J2SE, Servlets, JSP, JSTL, Custom Tags, JDBC, Filters. |
| **J2EE Technologies** | Servlets, JSP, JDBC, JPA, JMS, Selenium, Docker, Kafka |
| **Frameworks** | Spring, Spring MVC, Hibernate, Angular JS, Spring Boot. |
| **Front-End Technologies** | HTML, CSS, DHTML, JavaScript, AJAX, JSTL, Custom Tags. |
| **Databases** | Oracle, DB2, MySQL, PLSQL, SQL Server, Mongo DB. |
| **Application/Web servers** | Web Sphere, Web Logic, Apache Tomcat. |
| **Web Services** | XML, WSDL, SOAP (JAX-RPC, JAX-WS), Restful (JAX-RS), AWS, Microservices. |
| **IDE Tools** | Eclipse, NetBeans, RAD. |
| **Operating Systems** | Windows, UNIX, LINUX. |
| **Version Controls** | SVN, CVS, Clear Case, GIT. |
| **SDLC Methods** | Waterfall Model, Agile – SCRUM, TDD. |

**Professional Experience:**

**Client: Goldman Sachs, Jersey City, NJ Aug 2021 - Present**

**Role: Sr. Java Full Stack Developer**

**Responsibilities:**

* Developed the functionalities using Agile Scrum Methodology.
* Extensive experience in various Agile methodologies like Test Driven Development (TDD)
* Involved in developing UI using Spring MVC framework, JSP, JSTL, HTML5, CSS, JavaScript, jQuery, AJAX, and AngularJS.
* Created Reusable Modules and Custom Directives in Angular2.0 which got used in various places of application.
* Implemented AngularJS Controllers to maintain each view data. Implemented Angular Service calls using Angular Factory tested all application controllers extensively with AngularJS built-in testing facilities.
* Extensively used core java concepts like Multithreading, Collections Framework, File I/o and concurrency.
* Experience in Core Java concepts such as OOP Concepts, Collections Framework, and Exception Handling, I/O System, Multi-Threading, JDBC, Generics.
* Used Java8 features in developing the code like Lambda expressions, creating resource classes, fetching documents from database.
* Used design patterns like Singleton, Data Access Objects, Factory and MVC patterns.
* Testing and production support of core java based multithreading ETL tool for distributed loading XML data into Oracle database using JPA/Hibernate.
* Created POJO’s and DAO’s for the database entities using Spring JDBC annotation mappings
* Integrated with Spring Cloud projects to provide distributed tracing and other features.
* Developed microservices with Spring and tested the application using Spring Boot.
* Used Spring Core annotations for Spring Dependency Injection, Spring MVC for Rest API’s and Spring Boot for microservices.
* Development of cloud hosted web applications and REST APIs using Spring Boot with embedded Tomcat.
* Developed GSA, LSS and SDL using C++, Multi-threading, and socket programming.
* Deployed the application on Amazon Web services (AWS) and used it to provide a large computing capacity for scalable solutions.
* Deployed applications into Continuous integration environments like Jenkins to integrate and deploy code on CI environments for development testing.
* Implemented Rest based web service using JAX-RS annotations, Jersey provider implementation.
* Integrated ActiveMQ and spring JMS API to send and receive message for the application’s restful API.
* Experience in design and development of Web services, JAX-RPC, JAX-WS, RMI, JTA, JMS and XML, XSD, XSLT, X-Path.
* Wrote build scripts using Maven.
* Developed the persistence layer using Hibernate Framework by configuring the 1:1/1:M/M:M mappings in hibernate files and created DAO and POJO.
* Experience in NoSQL database like MongoDB installation, configuration and in designing MongoDB multi-shared cluster and monitoring with MMS.
* Installed the WebSphere MQ and involved in configuring MDB listeners, JMS resources, and queues and integrating with the WebSphere Application Server.
* Configuring WebSphere Application Server on multiple platforms for both horizontal and vertical scaling for Workload Management.
* Experience in working with NoSQL Database like MongoDB to manage extremely large data sets.
* Used log4j to print the logging, debugging, warning, info statements.
* Implemented Selenium Web Drivers and Protractor For testing the UI components.
* Involved in setting up Test automation and developed cucumber feature files and used Selenium for automated testing with TestNG.
* Used JIRA tool for Issue/bug tracking, monitoring of work assignment in the system.
* Experience on implementation of version control software GIT repositories.

**Environment:** Agile, HTML, CSS, JavaScript, jQuery, AJAX and Angular 2, XML, DAO, POJO, JPA, JAVA, Java8, Springs (IOC, AOP, JDBC) Frameworks, Spring Boot, Microservices, JSP, Hibernate Framework, AWS, RESTful Web services, SOAP, Maven, WebSphere Application Server, Mongo DB, NoSQL, Log4j, Jenkins, JIRA, Selenium Web Drivers, Protractor, GIT, Socket Programming.

**Client: Kaiser Permanente Littleton, CO Mar 2020 - Jul 2021**

**Role: Sr. Java Full Stack Developer**

**Responsibilities:**

* Designed and coded application components in an Agile environment utilizing a test-driven development (TDD) and pair-programming.
* Good Experience in Microservices Development using Spring Boot Framework.
* Used Spring MVC Model View Controller to handle/intercept the user requests and used various controllers to delegate the request flow to the Backend tier of the application.
* Used Hibernate ORM tools which automate the mapping between SQL databases and objects in Java.
* Worked on Oracle, Created DAO classes which get connection instances with Spring JDBC and Configured JDBC connections.
* Configured spring to manage Actions as beans and set their dependencies in a context file and integrated middle tier with Hibernate.
* Involved in configuring and deploying the application using Web Logic, Apache Tomcat and JBoss.
* Involved in writing the test cases for the application using JUnit.
* Utilized Log4j and SVN for debugging and monitoring purposes.
* Participated in workflow process, epic/user stories, scrums, sprints, releases, and reporting.
* Involved in Design, development and testing of web application and integration projects using Spring Boot, Hibernate, Spring MVC, JSF and Struts Frameworks.
* Expertise in design and development of various web and enterprise applications using J2EE technologies like Servlets, JSP, JDBC, JNDI, EJB, JMS, XML and Web Services.
* Hands on experience writing web services both client side and end point using WSDL, SOAP, REST and Microservices.
* Proficient in Design patterns and have extensively used them for developing the efficient systems. Design patterns used during the project development includes Singleton, Service Locater, Business Delegate, MVC, Session Facade, Front Controller, IOC, Composite View, DAO, and DTO.
* Expertise in using Web/Application Servers like Apache Tomcat, JBoss, WebSphere and WebLogic Application Server.
* Extensive development experience on different IDEs like Eclipse, NetBeans, and IntelliJ.
* Experienced in developing UML diagrams like use cases, class diagrams and sequence diagrams using Rational Rose and MS Visio tool.
* Good Experience in Log4J implementation to persist the data into the log files, JUnit for unit and integration testing and experience with ANT and Maven for building and deployment of applications.
* Excellent knowledge of databases like Oracle, MySQL, SQL Server and NOSQL databases like MongoDB.
* Proficient in developing Web based user interfaces using HTML5, CSS3, JavaScript, jQuery, AJAX, XML, JSON, and Bootstrap.

**Environment:** Java, J2EE, JSTL, Spring MVC, Spring Boot, AWS, Agile, Hibernate, DB2, Mongo DB, SOA, AWS, Docker, Microservices, RAD, Servlet, REST Web Services, Maven, JMS, Web Logic, JUnit, Log4j, GIT, Windows.

**Client: Evergent, Inc., Hyderabad, India May 2015 – Nov 2018**

**Role: Java Full Stack Developer**

**Responsibilities:**

* Designing and developing Controllers and Action Forms using Spring Framework.
* Developing font end applications using MVC Framework.
* Used Spring Framework for implementing Dependency Injection, AOP.
* Used XML SAX to parse the simulated XML file which has simulated test data.
* Participated in designing and developing the presentation web-based client using HTML, CSS, JavaScript, AJAX, jQuery, JSP, Tag Libraries, and XML.
* Well versed with the agile tools / techniques like Scrum and knowledge areas.
* Designed and developed Controller Servlet, which will route request to Application Controller.
* Responsible for implementing the transaction management in the application by applying Spring AOP methodology.
* Migrate Mongo dB shared/replica cluster form one datacentre to another without downtime.
* Coding, Unit testing, System Integration testing, Support to User Acceptance testing for new batch trigger process using MQ series.
* Experience in integrating Java components like Custom functions, Java Callouts, spring components into SOA.
* Programming web sites using PHP, ASP, JavaScript, jQuery, C#, and Data access components using Object Oriented Programming.
* Experience in developing GUI screens using HTML, XHTML, DHTML, CSS, JSP, JSTL, Struts, JAVASCRIPT, JSON, Flex and Web2.0 jQuery, AJAX.
* Developed server-side application to interact with database using Spring Boot and Hibernate.
* Created API specification documentation using Swagger
* Used RESTful Web Services to retrieve data from different applications.
* Consume REST Style services using JSON.
* Development of Hibernate objects for data fetching for batch and front-end processing.
* Written SQL Queries, stored procedures modifications to existing database structure as required per addition of new features.
* Used Log4j for logging and GIT for version control.
* Used SVN for version control and used Eclipse as the IDE for developing the application.
* ORM tool Hibernate to represents entities and fetching strategies for optimization.
* Wrote JUnit test cases for testing different modules.
* Used Maven to build and deploy the application on tomcat server.

**Environment:** Java/J2EE, Spring, RESTful Web Services, Agile, Hibernate, Spring Boot, SOA, JSON, HTML, CSS, JavaScript, AJAX, jQuery, JSP, Tag Libraries, XML, Apache Tomcat, log4j, GIT, WebLogic, Eclipse, SVN, Oracle, Mongo DB, TDD, JUnit, Windows.

**Client: Micron Technology, Hyderabad, India Sep 2013 – Apr 2015**

**Role: Jr. Java Developer**

**Responsibilities:**

* Involved in the Requirements gathering, Analysis, Design, and implementation of the project.
* Analysis, design, and development of Application based on JAVA/J2EE technologies.
* Developed Use case diagrams, Class diagrams, Sequence diagrams, and Activity diagrams using Rational Rose tool.
* Used Spring IOC (Inversion of Control)/DI (Dependency Injection) to wire the object dependencies across the application.
* Used Spring MVC design pattern while developing the application.
* Used JSP in the presentation tier along with various customs tags, JSTL tags, CSS, AJAX and JavaScript.
* Involved in integrating spring with Hibernate and delegated the persistence operations using Hibernate Template.
* Developed ANT scripts for deployment builds.
* Deployed the entire application on WebLogic Application Server.
* Maintained administrative utilities like permissions/security/code management and storage and managing of system-wide lists.
* Used Maven tool for the Project management and for compile, run, deploy and to add external dependencies.
* Used JMS communication in to send/receive messages across various applications through Publish-Subscribe.
* Worked on Open-Source JUnit Testing Framework to write and run repeatable automated tests.
* Monitored the error logs using Log4J and fixed the problems.
* Used CVS control to store change requests as records in a user database.

**Environment:** Java/J2EE, Selenium, Docker, Kafka, JMS, Hibernate, Spring Framework, JSP, JSTL tags, CSS, AJAX and JavaScript Oracle, Ant, CVS, Eclipse, WebLogic Application Server, Windows.

**Educational Qualification:**

* Bachelor of Engineering in Information Technology from Jawaharlal Nehru Technological University, Hyderabad, India -2013.
* Master of Computer Science from University of Dayton, Dayton, OH – 2020.