**Loknadh**

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**Professional Summary:**

* Having 9+ years of experience in Object Oriented Designing, Developing, Implementation and testing in Client/Servers e-business applications using Java & J2EE Technologies.
* Good exposure to all phases of SDLC process, including system use case, functional &amp; technical specification documentation based on business requirements.
* Profound experience in creating real time data streaming solutions using Apache Spark /Spark Streaming, Kafka and Flume.
* Excellent Knowledge of Object-Oriented Analysis &amp; Design using UML.
* Expertise in Parallel and Distributed Computing, Designing and implementing complex algorithms.
* Experience implementing SOA, Webservice applications.
* Experience in Micro Services and Spring Boot application development.
* Background with traditional databases such as Oracle, SQL Server, and ETL tools / processes.
* Experienced in object oriented, data structures, collections framework API for framework design in Java including API development experience.
* Along with experience in Data Structures, Multithreading and have worked on search techniques and algorithms.
* Experience in handling messaging services using Apache Kafka.
* Worked on Data Structures, multi-threading concepts in Core Java
* Excellent understanding and experience in OOPS principles inheritance, encapsulation, polymorphism, and Core Java principles collections, multithreading, synchronization, exception handling and GUI design using Swings. Experienced in developing complexity-based codes related to data structures and algorithm design.
* Along with experience in Data Structures, Multithreading and have worked on search techniques and algorithms.
* Used search and encryption algorithms for better searching methods and security improvisation
* Develop AWS Lambda based Micro Services interacting with Dynamo DB &amp; SNS/SQS using AWS SDK.
* Designed and developed multiple J2EE Model 2 MVC based Web Application using J2EE Technologies, Patterns and popular open-source framework Struts, Spring MVC, spring, JPA and Hibernate.
* Deployed Spring Boot based Micro Services Docker container using Amazon EC2 container services and using AWS admin console.
* Developed application using AngularJS and NodeJS connecting to Oracle on the backend.
* Experience in writing test-cases in Java environment using Junit, Mockito and Power mock, JIRA.
* Experience in managing the build files using ANT and Maven.
* Experience in using the Log4j framework for Logging Java Applications.
* Highly self-motivated with strong analytical, communication and problem-solving skills, excellent team player and ability to deliver under critical situations.
* Experience in Data Structures, Algorithms, and problem-solving Skills.

**Technical Skills:**

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| Operating Systems: | DOS, Windows, Unix and Linux |
| Languages: | C, C++, Java, SQL, HQL, PL/SQL |
| Java/J2EE Technologies: | Java 8 EE 4/5, Servlets, JSP, EJB, JSTL, XSLT, JDBC, JNDI, JMS, JPA, JSF |
| Web Technologies: | HTML, DHTML, CSS, XML, Java Script, AJAX, JSP, Angular JS, React JS, NodeJS, JQuery |
| XML/Web Services: | AWS, XML, XSD, SOA, WSDL, SOAP, Apache Axis, DOM, SAX, JAXWS, JAXRS, XML Beans, REST |
| Frame works: | Jakarta Struts, Hibernate, Spring |
| RDBMS / NoSQL: | ORACLE 10g MS-Access, MySQL, SQL-Server, DB2, MongoDB, Kafka Web/Application Servers Apache Tomcat, JBoss, Web Sphere, Web Logic. |
| IDE's and Tools: | Eclipse, NetBeans, WebStorm, Sublime Text, MyEclipse, RAD, WSAD |
| Design Patterns: | Singleton, session facade, Front Controller, MVC, DAO, MVVM. |
| Version Controls: | GIT, SVN, CVS |
| Methodologies: | Unified Modelling Language (UML), Rational Unified Process (RUP), Agile. |

**Professional Experience:**

**Client: Spectra Labs, NJ Mar 2023 - Present**

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

**Responsibilities:**

* Involved in Requirements gathering (RGE), Analysis, Design, Development and Testing of application using AGILE methodology (SCRUM).
* Coordinated designs and implementation of application, collaborated with project managers
* Involved in injecting dependencies into code using Spring IOC, spring core module.
* Deployed web components, presentation components and business components in Web Logic Application Server.
* Involved in Agile Scrum methodology, Agile meeting, Sprint and Release Planning meetings
* Performed client-side validations using JavaScript.
* Using Angular.js/Angular9 and above providing custom services and using custom filter validating credentials in User Interface.
* Developed DAO objects and implemented data access layer using JPA-Hibernate to perform CRUD operations.
* Implemented Servlets to handle HTTP requests for on-line requests, credit card payments, registration and bug tracking.
* Developed programs for accessing the database using JDBC thin driver to execute queries, prepared statements, Stored Procedures and to manipulate the data in the DB2 database.
* Extensively worked with XML schema (XSD), XSL/XSLT, and XML to navigate in XML documents, and SAX to process and parse xml files.
* Developed web services SOAP, WSDL and web services clients using JAXB and XML, implemented SOAP architecture.
* Implemented MVC design pattern using Struts Framework.
* Implemented Spring Boot and Spring Security features.
* Used Spring Injection/Inversion of Control, Hibernate ORM to get data as objects and for backend Queries writing easily.
* Extensively used XML and Java Architecture for XML Binding (JAXB), to map java classes to XML representation.
* Extensively used Eclipse IDE for developing, debugging, integrating and deploying the application.
* Used Apache CXF as the Web Services framework to implement the REST APIs involved
* Developed and Deployed SOA/Web Services (SOAP and RESTFUL) using Eclipse IDE
* Developed Informant service layer by using Spring MVC.
* Used JIRA for bug tracking, issue tracking and project management.
* Designed and developed various modules of the application with Spring MVC architecture and Spring Bean Factory using IOC, AOP concepts.
* Developing single page applications (SPA), components using Angular.js/Angular 9 and above directives, controllers, view and routing, service modules.
* Wrote Hibernate Criteria queries for data retrievals and have performed the ORM mappings to map java entities to database tables.
* Involved in peer code reviews and performed integration testing of the modules.
* Created and maintained mapping files, persisting classes and transaction control in JDBC to access the database.
* Experience in creating and Deployment of REST API and MicroServices in Java J2EEE using Spring Boot.
* Implementation of authentication for RESTFul web services using Spring Boot Security Starter.
* Used Spring Batch to process large volumes of records, including logging/tracing, transaction management.
* Creation of Data Pipelines on AWS to schedule migration of data from SFTP servers to RDS instances.
* Implemented design Patterns like Singleton, Factory, DTO, MVC, Session Façade, DAO patterns.
* Extensively used SVN and Bit bucket as repository for checkout and check-in of code.
* Involved in performing code review ensuring the Java coding standards and guidelines.

**Environment**: Java, Servlets, JSP, Spring IOC, Spring boot, Microservices, Spring Core, APIGEE, CSS, JavaScript, AngularJS, Angular9 and above, JPA, Web Logic, JDBC, DB2, CI/CD, Spring IOC, Hibernate, SVN, Rabbit, XML, XSL, XSLT, XSD, SAX, JAX-WS (SOAP) web services, Bit Bucket, ANT, Spring Boot, SOA, Eclipse

**Client: Capital One, Virginia Sep 2022 – Feb 2023**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Created Restful web services interface to Java-based runtime engine.
* Designed the application around the Model-View-Controller (MVC) architectural pattern.
* Developed client-side AJAX application that uses JavaScript OOP, Used AngularJS as framework to create a Single Page Application (SPA) which can bind data to specific views.
* Developed Message Driven Bean components in Web Sphere MQ Series for e-mailing and Data transfer between client and the providers.
* Performed configuration, deployment and support on Amazon Web Services (AWS).
* Elastic Cache can be run in the Amazon Virtual Private Cloud (Amazon VPC) environment and also Redis can use Elastic Cache with almost no modification.
* Experienced in Splunk development Splunk search language, Splunk Web Framework, simple xml, alert configuration, report building, custom dashboard building and data modeling.
* Developed reusable and interoperable Web service modules based on service-oriented architecture (SOA) by using SOAP and RESTful services.
* Spring Boot Microservices were developed with microservice using REST and Apache Kafka.
* Developed Docker images and build modules for mongo, and Kafka based micro services.
* Experience on Selenium with Java (Worked on Selenium Web Driver,) JUnit, TestNG, Maven, POM, Jenkins and implemented Data driven and BDD Framework using Cucumber.
* Used Git as Version Control System for the application. Used JMeter totest performance of SOAP.
* Used Apache CXF, WSDL, and XML for Creating SOAP web service.
* Unit Testing of Web Services using SOAP UI.
* Developed asynchronous messaging systems using JMS, MDB and MQ Series.
* Wrote Web Services using REST, SOAP for sending and getting data from the external interface using JSON, XML data.
* Used Design patterns such as Business delegate, Service locator, Model View Controller, Session facade, DAO.
* Used SOAP-based Web Services and Web Service Clients (JAX-WS, SOAP, WSDL and JAXB)
* Worked on XML Technologies like XML Parsers, JAXB for binding data to java objects.
* Used Gradle for build framework and Jenkins for continuous build system.
* Designed and developed custom MongoDB applications specific to clients' needs.
* Used to deploy the applications in various work environments like QA and Development
* Resolved the issues encountered during the System Testing and Acceptance Testing
* Interacted with testing team to fix defects. Worked with Angular.JS MVC framework including authoring complex directives, services, controllers, and filters.

**Environment:**Java, J2EE1.4, SDLC, Agile, Eclipse, Servlets, JSP 1.1, JDBC, EJB, Struts MVC, XML, HTML & JavaScript, JSP, Ant, UML, SQL Server**,**JBoss 6.0, SAX, DOM, Git, SAX and DOM parser.

**Client: Goldman Sachs, India Jun 2020 – Dec 2021**

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

**Responsibilities:**

* Used Object oriented analysis (OOA) for object-modelling techniques to analyses the functional requirements for a system.
* Actively engaged in Sprint planning, story creation along with acceptance criteria and helped the team in prioritizing the stories based on the dependency and importance of the features/functionality of the target system.
* Participated in every phase of the project (Agile methodology), including iteration (Sprint) planning, daily stand-up meetings, iteration review, Sprint Demos, Retrospective etc.
* To gather information from product owner to analyses the product requirements.
* Developed User Interface using HTML5, CSS, JavaScript, and Angular JS.
* Used AJAX calls to asynchronously validate usernames.
* Used Java/J2EE Design Patterns such as Business Delegate, Singleton to cache the static data in the project extensively, which facilitates clean distribution of roles and responsibilities across various layers of processing
* Developing and editing user Interface Screens using JSP, HTML5.0, JavaScript.
* Implemented Java Web services using Angular JS components.
* Worked on Angular directives, Controllers, Filters, Services, Templets, Events and Injectors.
* Used Angular JS for DOM Manipulation, Filters, and Directives.
* Creating custom, general use modules and components which extend the elements and modules of core AngularJS.
* Used Twitter Bootstrap to create responsive web pages which can be displayed properly in different screen sizes.
* Worked on creating responsive website for smart devices using responsive design and Bootstrap.
* Extensively used various Spring Framework modules like MVC, DI (IOC), Auto Wiring, Spring Security, Spring Boot and AOP.
* Extensively used Hibernate mappings, HQL, Criteria, Lazy loading Transactions and Locking’s for interacting with Oracle database.
* Developed REST Web Services clients to consume those Web Services as well other enterprise wide Web Services.
* Designed SOA integration using Apache CXF. Enabled rapid service tier development.
* Used Ajax for sending and retrieving data from server by giving URL to get JSON data for models and to populate models from the server.
* Used AngularJS to create views to hook up models to the DOM and synchronize data with server as a Single Page Application (SPA).
* Used Bootstrap and AngularJS to create Controllers to handle events triggered by clients and send request to server.
* Created forms to collect and validate data from the user in HTML5, CSS LESS and AngularJS.
* Created and injected spring services, spring controllers and DAOs to achieve dependency injection and to wire objects of business classes.
* Used spring boot for creating decoupled architecture.
* Used Spring Inheritance to develop beans from already developed parent beans.
* Worked on Spring Quartz functionality for scheduling tasks such as generating monthly reports for customers and sending those mails about different policies.
* Developed Service layer using spring and persistence layer using Hibernate.
* Exposed the Web Services to the client applications by sharing the WSDL’s.
* Used DAO pattern to fetch data from database using Hibernate to carry out various database.
* Used Hibernate Transaction Management, Hibernate Batch Transactions, and cache concepts.
* Modified the Spring Controllers and Services classes so as to support the introduction of spring framework.
* Used Hibernate as ORM tool and defined the mapping and relationship of each table in database.
* Used Hibernate framework for back end development and Spring dependency injection for middle layer development
* Worked with Web services components JAX-RS services and worked with Restful Web services interact with external systems.
* Used Amazon Web Services (Amazon EC2, Amazon S3).
* Designed, configured and deployed Amazon Web Services (AWS) for a multitude of applications utilizing the Amazon Web Services focusing on high-availability, fault tolerance and auto-scaling.
* Installed the application on AWS EC2 instances and configured the storage on S3 buckets
* Built and Configured Servers in AWS Cloud Environment.
* Used Maven and Jenkins to automate the build and deploy process.
* Focused on Test Driven Development; thereby creating detailed JUnit tests for every single piece of functionality before actually writing the functionality.
* Created user-friendly GUI interface and Web pages using HTML, Angular JS, JQuery and Java script.

**Environment**: J2EE, Spring framework, Spring MVC, Hibernate 3.x, jQuery, Java Script, JDBC, AJAX, Web services, DOM, SPASOAP, XML, ORM Tool, CSS, Apache CXF, JQuery, JavaScript, Oracle 11g/12c, Web Sphere 7.0, Agile Methodology, Design Patterns, SVN, Angular JS, Amazon EC 2, Amazon S3, AWS cloud, REST Apache Maven, Jenkins, JUnit, XSLT, HTML5,Bootstrap HTML/DHTML JUnit.

**Client: Seneca Global Inc, Hyderabad, India July 2018 – May 2020**

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

**Responsibilities:**

* Experience with Software Development methodologies like Agile/Scrum and Involved in business
* Requirements and creating the JIRA tickets for user stories.
* Responsible for creating efficient design and developing User Interaction screens using HTML5, CSS3, JavaScript, Angular8, and Bootstrap.
* Configured Spark streaming to receive real time data from the Kafka and store the stream data to HDFS using Scala.
* Performed GUI, Functional and Regression testing by automated using Selenium, TestNG, Maven, and Jenkins.
* Real time streaming the data using Spark with Kafka
* Selecting the appropriate AWS service based on compute, data, or security requirements.
* Integration of Amazon Web Services (AWS) with other applications infrastructure.
* Good experience on working with Amazon Web Services like EC2, S3, Amazon Simple DB, Amazon RDS, Amazon Elastic Load Balancing, Amazon SQS, AWS Identity and access management, AWS Cloud Watch, Amazon EBS and Amazon Cloud Front.
* Created User Controls and simple animations using Java Script and Python.
* Design and implementation of algorithms.
* Conversion of algorithms written in C to Java.
* Configured Kafka to read and write messages from external programs.
* Configured Kafka to handle real time data.
* Hands on experience in deployment of J2EE applications on JBoss, Tomcat, IBM Web Sphere and Web logic Application Servers.
* Experience in Quality Assurance Life Cycle (QALC) aspects such as developing Test Strategies, Test Plans, Test Cases (Manual/Automated), Defect Reports and developing Test Scripts.
* Created reusable and testable Angular functional and class components using es6
* Used Spring Boot which is radically faster in building cloud Micro-Services and develop Spring based application with very less configuration
* Creates and configure Micro-Services architecture and integrated with Angular application.
* Responsible for developing UI pages using AngularJS, HTML5, CSS3, JavaScript, jQuery, AJAX and JSON.
* Developed page layouts, navigation and presented designs and concepts to the clients and the management to review.
* Involved with set up of CI/CD and daily builds using Jenkins with artifactory repository manager.
* Understood complex data structures of different type structured, semi structured and de-normalizing for storage in Hadoop.
* Developed end to end data processing pipelines that begin with receiving data using distributed messaging systems Kafka through persistence of data into HBase.
* In-depth understanding of Data Structures and Algorithms.
* Used Vtune performance analyzer for testing performance of algorithms
* Analyzing the performance of algorithms in Parallel and Distributed Environment.
* Implemented the above algorithms in Parallel and Distributed Environment.
* Involved in Performance Analysis of these algorithms on various architectures.
* Optimizing the Algorithms using Intel SIMD, UMS Special Instructions for faster performance.
* Used Jenkins for enterprise scale infrastructure configuration and application deployments into artifactory.
* Automated Test cases in TDD (Test   Driven Development) and   BDD (Behavior Driven Development).
* Incorporated and utilized JavaScript Unit Testing framework (Jasmine).
* Handled response data from RESTFUL web services using XML, SOAP and JSON to update UI.
* Used Spring Core Annotations for Dependency Injection Spring DI and Spring MVC for REST API sand Spring Boot for Micro Services.
* Used Spring Boot which is radically faster in building cloud Micro-Services and develop Spring based application with very less configuration
* Good Exposure in using the IDE tools like Eclipse, Web Storm and Sublime Text

**Environment**: Angular8, Java Spring, Data structures, Nexus, J2EE, Hibernate JPA, AWS, Web pack, Babel, Html5, Java script, ECMAScript 6, Java 8, Restful web services, Oracle11g, SQL, PL/SQL, SOLR, Jersey API, log4j, Web Logic, Tomcat8.5, Eclipse, Kafka, Micro Services, Spring Boot, Web Storm, Node.js, GIT-hub, Maven, Unix/Linux and Shell Scripting.

**Client: Semantic Space Technologies, Hyderabad, India Apr 2016 – Jun 2018**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Involved in various meetings with Business analysts and developers.
* Developed Agent Portal with HTML5, CSS, LESS, JSON, AJAX and React JS for developing user interface and server-side technology with Node JS.
* Conducted Functional testing, Regression Testing using selenium with Data-driven framework and Key- Word driven framework.
* Worked on Guidewire & Data hub and Info center solutions for Commercial Lines Transformation.
* Designed and developed Micro Services business components using Spring for different policies.
* Involved in the development of Micro Services for all the models using combination of Spring Boot and Spring Security.
* Had knowledge on Kibana and Elastic search to identify the Kafka message failure scenarios.
* Implemented to reprocess the failure messages in Kafka using offset id.
* Implemented Kafka producer and consumer applications on Kafka cluster setup with help of Zookeeper.
* Used Spring Kafka API calls to process the messages smoothly on Kafka Cluster setup.
* Involved in multi-tiered J2EE design utilizing Spring Inversion of Control (IOC) and Hibernate.
* Build the application based on new features of JDK 1.8 at service layer level.
* Designed MVC architecture and Front control design pattern using Spring MVC Framework for Presentation tier and I have written code for the using Spring MVC Framework for Presentation layer and spring dependency injection.
* Used spring framework for Dependency Injection and integrated with Hibernate.
* Primarily focused on the spring components such as Dispatcher servlets, Controller s, Model and View Objects, View Resolver.
* Involved in developing Spring Beans and wiring their dependencies
* Worked on Java 8 Streams and on lambda expressions.
* Created automation test scripts using data Driven framework and Page Factory model to test the web applications using Selenium WebDriver with JAVA and Maven.
* Expertise in using Selenium Grid to run test scripts on different platforms and against different browsers in parallel to save time.
* Used Jenkins to execute the test scripts periodically on Selenium Grid for different platforms like desktop, tablet and mobile.
* Performed Cross browser testing and Parallel testing on Chrome, Firefox and Safari using TestNG and Maven on Selenium grid.
* Used Node.js Bower for UI Dependency management. Worked on bower. json and bower rc files.
* Used AWS to deploy the project on EC2 instance. Implementation of the Business logic layer for Services.
* As Test Automation Engineer driving towards the quality and effectiveness of Digital Product EASE Web Plat form.
* Thorough experience in implementing Automation Tools Selenium WebDriver, JUnit, TestNG, Eclipse, Git/GitHub, Jenkins, SOAP UI and REST with POSTMAN.
* Used runner classes in cucumber to generate step definition and used tags to run different kinds of test suites like smoke, health check and regression.
* Created profiles in Maven to launch specific TestNG suite from Jenkins job
* Implemented SOAP UI tool to test SOAP based architecture application to test SOAP services
* Involved closely with developers in Development of UI modules using HTML, JSP, JavaScript and CSS.

**Environment**: Selenium, DevOps, AWS, Kafka, Java, Java Script, Jenkins, Git, GitHub, SOAP, REST, SOAP POSTMAN, Android, Mobile, iOS, Cucumber, BDD, Agile, Oracle 10g, putty, MS word, MS XL, Quality center, WebDriver, TestNG, MAVEN, Guidewire.

**Client: Reliance LLC, Pune India Sep 2013 – Mar 2016**

**Role: Full Stack Java Developer**

**Responsibilities:**

* Designed and coded application components in an Agile/TDD environment utilizing a test-driven development and SDET approach and pair-programming.
* Developed the application using spring framework that leverages model view layer architecture, also configured Dependency Injection.
* Used Hibernate ORM tools which automate the mapping between SQL databases and objects in Java.
* Extensively used Hibernate in data access layer to access and update information in the database.
* Design of GUI using Model View Architecture STRUTS Framework.
* Integrated Spring DAO for data access using Hibernate.
* Implemented unit test for testing Angular components with frameworks using KARMA and JASMINE
* Created Hibernate mapping files to map POJO to DB tables
* Involved in the Development of Spring Framework Controllers
* Developing application using spring core module and POJO&#39; using Eclipse and worked on Messaging service.
* Designed and developed the XSD for WSDL.
* Deployed code in Apache Tomcat and Web logic serve
* Developed user interface using JSP, JSP Tag libraries JSTL, HTML5, CSS, and JavaScript to simplify the complexities of the application.
* Built Micro Services using Spring Boot with CI/CD using Docker and Jenkins.
* Provided LDAP security for the application.
* Used JSON objects, ECMAScript6, Typescript, JavaScript, and Bootstrap intensively to create interactive web pages.
* Develop AWS Lambda based Micro Services interacting with Dynamo DB &amp; SNS/SQS using AWS SDK.
* Currently working on fitness tool which aids in Test Driven Development (TDD).
* Used JMS for the asynchronous exchange of critical business data and events among
* J2EE components and legacy system. Configured Kafka message source with Spring XD.
* Involved in multi-tiered J2EE design utilizing Spring Inversion of Control (IOC) and Hibernate.

**Environment**: Java 8, J2EE, JSP 2.0, PL/SQL, Spring 2.0, EJB 2.0, Angular 2/4, JMS, JNDI, Oracle, XML, DOM, SOAP, Junit, Apache Camel, Web Sphere 8.5, Hibernate 3.0, Micro Services, AWS, JDBC, Kafka, TDD, BDD, MS SQL Server 2012, JESS, RESTful Web service, Web logic 8, JBoss Drools, SOA Design Patterns, Cassandra, LDAP, NOSQL, Hadoop

**Education**:

Bachelors in Computer Science – 2013 – JNTU K