**Neelesh Kunta**

**Tech Lead**

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**PROFESSIONAL EXPERIENCE**

* Having 15 years of experience in all the technical phases of Software Development Life Cycle (SDLC) including Requirement Analysis, Design, Implementation and Testing in both Web based and Enterprise applications with emphasis on Object Oriented, Java/J2EE and Client Server technologies.
* Experience in developing the application with Agile Methodology, Waterfall Methodology and Test-Driven Development.
* Experience in Front-End UI technologies like HTML5, CSS3, jQuery, JSON, Ajax, JSTL.
* Hands on experience in AWS cloud services like S3, EMR, EC2, RDS and Redshift.
* Good working knowledge with Java 1.8 and implemented its features like Lambdas Expressions, Streams, functional interfaces, Collectors, default methods, type interfaces, foreach.
* Hands on Experience in developing web applications by using Spring framework modules like Spring IOC, Spring AOP, Spring MVC, Spring Security, Spring Boot, Spring Batch and Spring Data.
* Expertise in developing data models using Hibernate Object relational mapping (ORM) framework and used Hibernate Annotations to reduce time at the configuration level
* Having experience with Cloud Computing environments like Pivotal Cloud Foundry, Amazon Web Services (AWS), Docker Containers.
* Handled operations and maintenance support for AWS cloud resources which includes launching, maintaining and troubleshooting EC2 instances, S3 buckets, Auto Scaling, DynamoDB, AWS IAM, Elastic Load Balancers (ELB) and Relational Database Services (RDS).
* Proficient in developing J2EE enterprise applications in Service Oriented Architecture and Micro Service Architecture.
* Implementation of AWS Cloud based technologies like Elastic Servers, EC2 instance and S3
* Expert in Core Java with strong understanding of Garbage Collector, Collections, Multithreading, Event handling, Exception handling and Generics.
* Expertise in J2EE Technology- Servlets, Struts, Spring, JDBC, JTA, JPA, Hibernate and JMS.
* Experience in JMS over messaging to exchange the information more reliably and asynchronously for enterprise applications using Active MQ, RabbitMQ and Kafka as message queue.
* Building data pipeline ETLs for data movement to S3, then to Redshift.
* Worked with design and development of robust and highly scalable Web Service platforms and APIs based on REST and SOAP for enterprise applications using AXIS, WSDL, UDDI, XML, JAX-WS, JAX-RS, JAXB, JAX-RPC technologies and Jersey frameworks.
* Expertise in back-end/server-side java technologies such as: Web services, Java persistence API (JPA), Java Messaging Service (JMS), Java Database Connectivity (JDBC) and Java Naming and Directory Interface (JNDI).
* Used Apache Kafka for integration and Data Processing with spring and for Multi-Threaded Message Consumption and worked on Zookeeper to maintain services.
* Hands on Experience in AWS cloud in Various AWS services such as RedShift, cluster Route53 Domain Configuration.
* Experienced in building Web Services for Service Oriented Architecture (SOA).
* Good Understanding in databases such as Oracle, MySQL, SQL Server, IBM DB2 and MongoDB databases to manage tables, views, indexes, sequences, stored procedures, functions, triggers and packages
* Closely worked with Kafka Admin team to set up Kafka cluster setup on the QA and Production environments.
* Proficient with build automation tools like Gradle, Maven and Ant for builds and deployments to different environments.
* Experience on different IDEs such as Eclipse, RAD, Spring Tool Suite, IntelliJ and deployment using Application Servers like Apache Tomcat, BEA WebLogic, Web Sphere
* Experience with JUnit, Mockito, Log4j in developing test cases and determining application functionality.
* Experience on UNIX/LINUX Shell Scripting and Deployment of Applications in Server.
* Experience in using Kubernetes, GIT, Tortoise SVN
* Strong communication and analytical skills and a demonstrated ability to handle multiple tasks as well as work independently or in a team.

**Certifications:** AWS Certified Solutions Architect

# **TECHNICAL SKILLS:**

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| **Programming Languages** | Java/J2EE, and PL/SQL. |
| **Tools and Framework** | Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Security, Struts, JSF, JUnit, SOAP UI, Kubernetes. |
| **J2SE/J2EE Technologies** | Java, J2EE, RMI, Sockets, JDBC, Servlets, JSP, JMS, Java Beans, JSTL, JSF, Jakarta Struts, EJB, Spring, Hibernate, JTA, JNDI, JPA JMS, Web Services (JAX-RPC, JAX-WS, SOAP, REST, WSDL, UDDI and RESTFUL) |
| **Web Technologies** | HTML5, CSS3, JavaScript, jQuery, Bootstrap, AngularJS, JSF, AJAX, NodeJS, JSON Restful. |
| **XML Technologies** | XML, XSL, DOM, SAX, DTD, XQuery, XSD and XSLT. |
| **Cloud Technologies** | AWS EC2, S3, DynamoDB, ELB, LAMBDAS |
| **Databases** | Oracle, SQL-Server, MySQL server, MS SQL, IBM DB2, Amazon, MongoDB, NoSQL. |
| **Web/Application Servers** | Apache Tomcat, IBM WebSphere, Web logic |
| **Build Tools** | ANT, Maven, Gradle, Docker and Jenkins |
| **IDE / Tools** | Eclipse, IntelliJ, Spring Tool Suite (STS), RAD |
| **Testing Tools/ Others** | JUnit, Mockito, Soap UI, Log4j and JIRA,kafka |
| **Version Control** | Tortoise SVN, CVS and GIT |
| **Platforms** | Windows, Mac, Linux and Unix. |  |
| **Methodologies** | Agile, Waterfall, Test Driven Development |  |

**PROFESSIONAL EXPERIENCE:**

**Client: Workday, Pleasanton, CA**  **Jun 2022 - Present**

**Role: Sr Java Developer**

**Responsibilities:**

* Involved in design discussions and understanding of business requirements and identifying the relevant functional and technical requirements.
* Application is implemented using Agile methodology where there is a daily SCRUM meeting to understand the status and resolve any issues.
* Implemented the front end using HTML5, CSS3
* Developed Spark ETL pipelines for data extraction, cleansing, transformations and aggregations from various sources (testing data, Weblog ) with different formats(JSON, CSV, and XML) on AWS EMR
* Used JAVA 1.8 features like Lambda Expressions, Parallel streams and functional interfaces.
* Implemented a production ready. Load balanced, highly available. Fault tolerant Kubernetes infrastructure.
* Managed Kubernetes helm charts. Created reproducible builds of the Kubernetes applications, managed Kubernetes manifest files and managed release and helm packages.
* 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.
* Worked on pushing the data to DB. Used Mongo DB and Dynamo DB (AWS). Worked on creating documents in Mongo database.
* Written an external API call to explore the connection mechanism to between Sequentra to Lease Accelerator(LA) and Sequentra to Leverton Integration system.
* Used Spark API to generate PairRDD using Java programming.
* Worked on Big Data Integration &Analytics based on Hadoop, SOLR, Spark, Kafka, Storm and web Methods.
* Developed RESTful Web Services with JAX-RS using Spring Boot and Microservices Architecture.
* Experienced on spring framework applications like Spring Core, Spring AOP, Spring MVC, Spring Batch, Spring Security and Spring Boot and did integration to Micro services into existing system architecture.
* Implemented the authentication and authorization of the application using Spring Security and OAuth 2.0.
* Kafka integration with spark using spark streaming API
* Implemented Micro Services Architecture to divide the application into various sub modules.
* Involved in migrating monolithic applications in Micro Service Architecture and developed Micro services using the OpenShift platform built upon Spring Boot Services.
* Worked with Spring Ribbon and Kafka broker service with Zookeeper to handle heavy traffic.
* Developed Data ingestion application to bring data from source system to HBase using Spark streaming, Apache Kafka.
* Developed integration modules for disparate clients using Apache Camel.
* Worked on XML and JSON for transferring and retrieving data between different applications.
* Used Spring JMS module for lookup for the queues and MDBs for the listeners.
* Used Jasper Reports as a reporting tool to generate various reports in different formats like PDF, XLS, CSV, HTML.
* Established Database Connectivity using JDBC, Hibernate O/R mapping with Spring ORM for SQL.
* Worked on Hibernate for mapping the java objects to relational database and SQL queries to fetch the data, insert and update the data from the database.
* Writing Stored Procedures and JDBC prepared statements to retrieve the data from the database.
* Experience in Test Driven Development (TDD) by identifying test case scenarios and unit testing the code using JUnit framework.
* Collaborated with testers and developers and prepared test plans for producing high quality software applications.
* Used Log Insight to monitor application logs, messages, network traces, configuration files and performance data in real time.
* Have knowledge on partition of Kafka messages and setting up the replication factors in Kafka Cluster.
* Built S3 buckets and managed policies for S3 buckets and used S3 bucket and Glacier for storage and backupon AWS.
* Worked on Amazon Web services (AWS) and worked on EC2, S3 and Lambda for a POC.
* Worked on Amazon Web Services (AWS) like EC2, S3 bucket. ELB. Auto-scaling, SNS, SQS, Dynamo DB, Elastic Search through AWS console and KP integration.
* Worked on Active MQ to communicate with controllers and used a service layer to implement the business logic.
* Worked on Log4j for logging errors, messages and performance logs and integrated with Cloud watch and Datadog
* Used GitHub as Version Control tool, JIRA for issue tracking (production issues at time) and Eclipse, IntelliJ.
* Doing the POC for deploying the Services onto the OpenShift PODS and test end-to-end application.
* Deployed and tested the application on Web Logic Application Server.
* Support and maintain the CICD process & scripts to build and host angular SPA and Spring Boot applications using Atlassian tech stack (Git, Jenkins), Nexus, SonarQube and OpenShift Ecosystem – Plans, jobs, tasks etc.,

**Environment:** Agile Methodology, Java 1.8, J2EE, HTML5, CSS3, Ajax, Bootstrap, JavaScript, Angular 8, NodeJS, Hibernate, Spring MVC, Spring IOC, Spring boot, spring security, OAuth, XML, GIT, JSP, JUnit, Maven, WebLogic Application server, OpenShift, Spark, JAX-WS, Restful, Micro Services, Log4J, SQL, DB2, Docker, JIRA and Eclipse, IntelliJ, Log Insight, Jenkins.

**Client: Nisum, Williams Sonoma (SFO, CA) OCT 2014 – JUN 2022**

**Role: Tech Lead Java Developer**

**Responsibilities:**

* Worked on High level and low-level system design, planning, estimation and implementation
* Developed presentation layer using HTML5, CSS3 and client validation using JavaScript.
* Developed SOAP based Webservices
* Utilized JAVA 1.8 features like Lambda expressions for collection, evaluation and comparing the data, Stream API for Bulk data operations on Collections which would increase the performance of the Application, Parallel operations on collections for effective sorting mechanisms and to change the sequential stream flow of threads while session establishment.
* Prepared scripts to automate the ingestion process using Pyspark and Scala as needed throughvarious sources such as API, AWS S3, Teradata and Redshift.
* Implemented Kafka producer and consumer applications on Kafka cluster setup with help of Zookeeper.
* Implemented solutions using Apache Spark, Spark Streaming, Spark SQL
* Worked on development and implementation of the MVC Architectural pattern using Spring Framework.
* Used Spring AOP for solving crosscutting concerns like keeping customer log data and transactions details etc.
* Implemented Batch jobs to deal with large number of chunks using Spring Batch Framework to execute the similar jobs simultaneously.
* Used AWS DMS to work on data migration from S3 to RDS postgres.
* Designed and integrated the full-scale Hibernate persistence solution with the application architecture.
* Involved in design and development of the Hibernate Domain Model for the service.
* Involved in using JPA (Java Persistence API) frameworks and APIs as JDO and Hibernate.
* Enterprises Integrated Pattern Implemented with Apache Camel (ESB).
* Developed a RESTful based service for data retrieval to make it independent of the current application.
* Involved in development of RESTful web services with JAX-RS using Spring Boot and Microservices Architecture.
* Proficient in Application Development/Maintenance using Legacy RPI languages.
* Worked on XML and JSON for transferring and retrieving data between different applications.
* Experience in using JUnit and building tools such as MAVEN.
* Collaborated with testers and developers and prepared test plans for producing high quality software applications.
* Designed and developed mission critical operational platforms across multiple domains in Banking, Insurance and Telecom.
* Used Spring Kafka API calls to process the messages smoothly on Kafka Cluster setup.
* Successfully built and lead development teams (size of up to 20) across various projects encapsulating multiple technologies and business line.
* Participated in Analysis of the requirements with the business stakeholders and contributed to optimize the business models.
* Performed design and code reviews, release management activities including packaging, versioning, tagging, branching, merging into GIT, SVN and TFS.
* Mentored and conductedtrainingsessionsforjuniors.

**Environment:** Agile Methodology, Java 1.8, J2EE, HTML5, CSS3, Ajax, Bootstrap, JavaScript, AngularJS, NodeJS, Hibernate, Spring MVC, Spring IOC, Spring boot, spring security, OAuth, XML, AWS, GIT, JSP, JUnit, Maven, IBM WebSphere, Apache AXIS, JAX-WS, Restful, Micro Services, Log4J, Oracle, MongoDB, WSD, Docker, JIRA and Spring Tool Suite.

**Client: GAP Inc (SFO, CA)**

**Role: Senior Java Developer**

**Responsibilities:**

* Developed REST APIs using Spring Boot applications and deployed the applications in the Z.
* Gathering information from consumers about program functionality.
* Worked on integration layer of the application with Spring MVC
* Work with the training team to document system scenarios and identify roles impacted to help develop a change management/training plan.
* Actively participated in different phases of the Software Development Life Cycle (SDLC) and analyzed Use case diagrams and Class diagrams based on the requirement.
* Also, been a part of Designing, Developing, documenting, and maintaining tools and Automation Frameworks part of an Agile team
* Worked in the design, development, and implementation of web application technologies.
* Actively involved in coding using Java 1.8, Used Java collection API extensively, such as Lists, Sets, and Maps.
* Ensure that the design and development is conforming to best practices, standards, and technical design.
* Took ownership of day-to-day issues and escalations and brought issues to resolution.

**Environment:** Java, HTML, CSS, AJAX, jQuery, JavaScript, JSON, XML, Struts, JDBC, IBATIS, Web Services, SOAP UI, Restful, HQL, SQL, JBOSS, Oracle, ANT, Eclipse IDE, JIRA, Tortoise SVN, and UNIX.

**Programmer Resource INC | Analyst Apr 2014 – Oct 2014**

**Client: Deloitte, Camp hill, PA, USA**

**Senior Java Developer:**

* Developed the detailed design artifacts.
* Communicating with business team for requirements.
* Developed the BEANIO mapping for ESB
* Developed business objects and bean configuration using Spring IOC
* Developed Hibernate models and created associations
* Involved in coding for HQL and Named queries
* Involved in the development of Restful web services using Jersey.
* Involved in the agile development model.
* Developed Spring components for batch framework

**Oracle, India | Principal Application Developer Jan 2012 – Feb 2014**

* Handled the Onshore/Offshore co-ordination
* Mentoring junior developers and troubleshooting the issues
* Involved in the Agile development model
* Involved in creation of UML diagrams such as use case, class and sequence diagrams
* Involved in analyzing the requirements and creating the detailed design artifacts
* Involved in consuming Unifier soap-based web services using Axis 1.4 in Primavera integration
* Developed the soap-based web service in Primavera integration
* Involved in writing and optimizing the SQL queries
* Development of server-side service layer classes with business logic
* Developed business objects and bean configurations using Spring IOC and
* implemented cross cutting concerns such as transactions using spring annotations
* Developed Hibernate POJOs and associations
* Involved in coding HQL and Criterion API
* Worked on Mongo DB for record management

**Wells Fargo, India | Senior Tech Specialist Oct 2007 – Dec 2011**

* Involved in Onshore/Offshore coordination.
* Developed the scheduler component with Spring and Quartz integration
* Developed business objects and bean configuration using Spring IOC
* Involved in DAO pattern with Hibernate POJOs
* Developed Hibernate models and created associations
* Involved in coding for Hibernate Criterion API
* Involved in troubleshooting and fixing production defects
* Involved in performance optimization with SQL queries

**Education:** Bachelor of Engineering in Computers from B.A.M.U University, India with distinction