Sunilkumar Kalagata

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**Professional Summary:**

* **15+** years of working experience as a Java Developer and Technical Lead.
* Design and Development Experience on Spring Boot with REST Services with Micro Services Implementations with Netflix OSS Architecture along with Spring Data JPA
* Working experience with AWS Cloud- EC2, S3, SNS, SQS, Lambda, Dynamo DB, RDS-MySQL, Cloud Watch, API Gateway.
* 10+ years of experience on **CI/CD** using Ant, Maven, Git, SVN, Jenkins
* Implemented Swagger UI for API documentation.
* Implemented Mockito Framework and TestNG for Unit Testing
* Implemented SonarQube for Code Coverage
* Expertise on **Pentaho Kettle** analytical tool for data integration tool, data transformations, Pentaho analytics with Dashboard creation.
* 6+ years of working experience on front end technologies like HTML, CSS, JavaScript, jQuery.
* Integrated and Implemented with OLAP Mondrian cube with Spring Web MVC for Dynamic Query generator to get the data for multi dimension traversing
* Design and develop the product for Oil and Gas customer with Bigdata based analytics using Spring REST with JPA, JavaScript, jQuery and High charts.
* 3+ years’ experience with Hitachi R&D, developed and designed the products.
* Have a conceptual knowledge on Bigdata technologies like Hadoop, MapReduce, Hive and MongoDB.
* Experienced in writing stored procedures and functions.
* **2+** years’ experience with **Oracle ADF**, **Oracle Web center** technologies.
* Knowledge on Oracle **SOA11g and OracleESB**.
* 3+ years’ experience with **SCRUM**.
* Very much comfortable with Java, J2EE such as Servlets, JSP, JDBC and Oracle in all stages of the Software Development Lifecycle.
* Familiar with Application Servers and Web Servers like WebLogic, WebSphere and Tomcat.
* Experienced the conversion of data analytics algorithms into Java.
* Has knowledge on statistical based open-source language **R.**
* Rich development experience in Object Oriented Programming.
* 6+ years’ experience with Product Development.
* Self-motivated, hardworking, flexible with an ability to learn quickly.
* Being as Java and Spring Boot Developer - All the backend API's we use to test using Postman in dev, local, QA environments.

**Technical Skills:**

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| **Cloud Technologies** | AWS- EC2, S3, IAM, Route53, Lambda, SNS, SQS, API-Gateway, Cloud Watch and DynamoDB |
| **Programming Languages** | Java, J2EE |
| **Technologies/Framework** | Servlet, JSP, JDBC, Struts, Spring REST, Spring MVC, Spring Boot, Spring Boot with Micro Services, Spring Boot with Cloud |
| **Open-Source Tools** | Pentaho (BI, PDI) Kettle |
| **RDBMS/Databases** | Oracle-9i, MySQL, DB2, Postgres, OLAP Mondrian and MongoDB |
| **Junit Frame works** | TestNG, Mockito |
| **UI Technologies** | Htm5, CSS3, JavaScript, jQuery, Arc GIS, AngularJS 1.x, React JS, NodeJS, D3, DOJO, High charts |
| **Unit Test frameworks for UI Technologies** | Mocha, Chai, Sinon and AWS-SDK-Mock |
| **Web /Application Servers** | IBM WebSphere, Tomcat, WebLogic, JBOSS |
| **Middleware** | REST API, XML, JSON |
| **ORM Technologies** | Hibernate, Spring Data JPA3 |
| **Methodology** | Agile Scrum, Kanban, Waterfall  |
| **Operating Systems** | Windows, Linux, Unix |
| **Version Control Tools** | Git, VSS, (RTC) Rational Team Concert, ClearCase, SVN, Atlassian Git, Bitbucket |
| **CI/CD Technologies** | Maven, Jenkins, Hudson, Kraken, Cruise Control.  |
| **Development IDEs** | Spring Tool Suite, IBM RAD, WSAD, Eclipse, IntelliJ IDEA |
| **Other Tools** | log4j, SOAP UI, Robo mongo, Toad |

Education Qualification:

* Master of Computer Applications (MCA) from College of Engineering (GITAM), Andhra University, India.

**Project Experience:**

### Verizon, Irving, TX, US

##### Senior Software Lead, Cforia Collections October 2022 – Till Date

* Understanding about provisioning of Cforia Collections – OneVoice functionality and providing the end-to-end solution using with Spring Reactive Frame work
* Responsible for delivering the solution using Spring Boot with RESTful Webservice
* Test case reviews, standard performance and functional reviews
* Responsible for the delivery with the help of offshore team with stipulated time frame
* Resolving the impediments for offshore team for technical and infrastructure issues.
* Responsible for writing Lambda’s using node js for AWS integrations for SQS alerts and Workflow calls.

**Technologies**:   Java8, Spring Boot Reactive Webservices with Micro Service Architecture, Splunk, Mockito, Oracle, Postgres, Jenkins, AWS, Node JS

### CTIS, Baltimore, MD, US

Senior Software Lead April 2021 – September 2022

* Understanding existing functionality providing the end-to-end solution for the new requirements using with Spring boot Micro Services and Struts
* Developed Mockito framework for Junit code coverage which meets Code coverage along with Sonar Quality Gate
* Test case reviews, standard performance and functional reviews
* Responsible for End-to-End testing with different entities in workflow in different applications
* Working as onsite coordinator between the client and offshore team for the deliverables.

**Technologies**:   Java8, Spring Boot RESTful Webservices, Mockito, Oracle, JavaScript, jQuery, KendoUI, Bamboo, Struts, Weblogic12.2.4

### Verizon, Irving, TX, US

##### Senior Software Engineer, Virtual Network Service Platform September 2020 – April 2021

* Understanding about provisioning of MSX functionality and providing the end-to-end solution using with Spring boot Micro Services
* Responsible for delivering the solution using Spring Boot with RESTful Webservice
* Developed Mockito framework for Junit code coverage which meets Code coverage along with Sonar Quality Gate
* Test case reviews, standard performance and functional reviews
* Responsible for the delivery with the help of offshore team with stipulated time frame
* Responsible for End-to-End testing with different entities in workflow like inventory and Ordering Domain.
* Responsible for the team deliverables along with onshore and offshore team
* Resolving the impediments for offshore team for technical and infrastructure issues.

**Technologies**:   Java8, Spring Boot RESTful Webservices with Micro Service Architecture, Splunk, Apache Kafka, Mockito, Oracle, Postgres, Jenkins

##### Lead Software Engineer, VOIP Legacy Modernization- Connect October 2019 – August 2020

* Understanding about ESAP VOIP Order Manger functionality and providing the end-to-end solution using with Spring boot Micro Services Architecture as per the Connect guidelines in Agile Scrum Approach
* Responsible for delivering the solution using Spring Boot with RESTful Webservice, Spring Data JPA with Pulsar and Kafka messaging systems.
* Implemented the Swagger for Rest Services documentation.
* Developed Mockito framework for Junit code coverage which meets 95% of Code coverage along with Sonar Quality Gate
* Test case reviews, standard performance and functional reviews
* Responsible for all the applications are up and running in AWS - Kubernetes Servers in Development and SIT environments and validation of Production Deployments.
* Responsible for the delivery with the help of offshore team with stipulated time frame
* Responsible for End-to-End testing with different entities in workflow like inventory and Ordering Domain.

**Technologies**:   Java8, Spring Boot RESTful Webservices with Micro Service Architecture, Splunk, Apache Kafka, Pulsar, Mockito, Oracle, Postgres, Jenkins, Kubernetes

##### Senior Software Engineer, ESAP- Order Manager, XO Migration May 2018 – October 2019

* Understanding about XO Order Manger functionality and providing the end-to-end solution using with Spring boot Micro Services Architecture
* Responsible for delivering the solution using Spring Boot with RESTful Webservices, Apigee Routing and Kafka Messaging Server
* Implemented the Swagger for Rest Services documentation.
* Designed and developed Mockito framework for Junit code coverage.
* Test case reviews, standard performance and functional reviews
* Responsible for all the applications are up and running in PCF and Linux Servers.
* Responsible for QA certification on End to End testing with different entities in workflow like inventory, ordering, activation and infra domains.

**Technologies**:   Java8, Spring Boot RESTful Webservices with Micro Service Architecture, PCF, Splunk, Apache Kafka, Mybatis, Mockito, Oracle

### Thomson Reuters, Carrolton, TX, US

##### Senior Software Engineer, OneSource Tax Compliance Reporting Dec 2017 – April 2018

* Understanding about Trust Tax project requirements and providing the end-to-end solution
* Responsible for delivering the solution using Spring Boot with RESTful Webservices, API Gateway
* Designed and implemented the Netflix OSS Architecture with Microservices.
* Implemented API Gateway using Netflix Zuul.
* Implemented the Swagger for Rest Services documentation.
* Responsible for Data transformations of flat files and applying factors on Data using Pentaho Data Integrator Kettle.
* Developed micro service to run the Pentaho Kettle Transformations/ Jobs in AWS environment.
* Test case reviews, standard performance and functional reviews

**Technologies**:   Java8, Spring Data JPA, Spring Boot with RESTful Webservices, AWS- EC2, S3, ECR, Code Commit, IAM, Route53, Elastic IP, Swagger UI, Zuul API-Gateway, Pentaho Kettle, Html5, CSS3, JavaScript, jQuery, Angular5.

### Samsung R&D Center, Richardson, TX, US

##### Senior Software Engineer, Haystack- Remote Test Lab April 2017 – Nov 2017

* Understanding about RTL project requirements and providing the end-to-end solution
* Responsible for delivering the solution using Spring Boot with RESTful Webservices, API Gateway, HTML5, JavaScript and ReactJS.
* Designed and implemented the Netflix OSS Architecture with Microservices.
* Implemented API Gateway using Netflix Zuul.
* Implemented Key cloak for User authorization and authentication.
* Responsible for deliver the solution using Spring Data JPA.
* Setup the ELK for project monitor the server status.
* Implemented the Swagger for Rest Services documentation.
* Test case reviews, standard performance and functional reviews
* Deployed the whole project into AWS Cloud.
* Implemented docker solution for Spring Boot Application.

**Technologies**:   Java8, Spring Data JPA, Spring Boot with RESTful Webservices, Html5, CSS3, JavaScript, jQuery, AWS- EC2, S3, ECR, Code Commit, IAM, Route53, Elastic IP, Swagger UI, Zuul API-Gateway, Elastic Search, Log stash and Kibana.

### North West Evaluation of America, Portland, US

##### Lead Software Engineer, NWEA-US-P-State Solutions July 2016 – March 2017

* Developing the solutions for AWS workflow using Lambda, SNS, DynamoDB
* Developing the AWS Lambda’s using NodeJS
* Responsible for developing and delivering the lambdas using Micro Services architecture.
* Responsible for developing the unit tests for Lambdas using Mocha, chai, Sinon and aws-sdk-mock.
* Set the Roles and Policies for IAM to deliver the end-to-end solution using AWS.
* Responsible for developing the norm application using Spring Boot with REST and Swagger
* Developing the solution using Spring REST API services and Spring MVC for reporting-API application.
* Responsible for Build and Deployment for Dev and QA environments using CI/CD tools like Jenkins, Git, Kraken ad Maven.
* Test case reviews, standard performance and functional reviews

**Technologies**: Java8, Spring MVC with JMS, Spring Boot, Drop wizard, Postgres, AWS (Lambda, SNS, DynamoDB, Cloud Watch, API-Gateway), Swagger UI

### Hitachi America Limited, SFO, US

##### Lead Software Engineer (Manager), HAML\_US\_P\_RiAB2.0\_OPD June 2015 – June 2016

* Developing the REST Services using Spring JPA, extensively created the Junit TestNG frame work for the project
* Responsible for creating the components using micro services architecture.
* Responsible for the setting up the VPC for the Project.
* Responsible for delivery of the end-to-end solution for the Product using Spring JPA with RESTful Webservices, Dojo, Arc GIS, jQuery, Html5, CSS3, AngularJS, High charts and Ajax
* Implemented the Code review tool Sonar Cube
* Setup the environments using Jenkins build automation for Development and QA.
* Responsible for delivery of the solution for POC’s using Machine Learning Techniques, Pentaho BI tool, Spring JPA
* Responsible for deliver the solutions for Spring Data JPA using mappings, find by methods, Nested Queries.
* Implemented the UI with Angular JS with High charts and NodeJS.
* Test case reviews, standard performance and functional reviews
* Created the environments for project on Windows and Linux along with different server’s tomcat, Wildfly.
* Responsible for the CI/CD implementation for Development using Windows Server and Production using Linux Server.

**Technologies**:   AWS- EC2, , Java8, Spring Data JPA, Spring RESTful Services with Spring boot, ArcGIS, Html5, CSS3, JavaScript, jQuery, D3, Dojo, High charts, Ajax, AngularJS1.x, MySQL Server and Tomcat, JBOSS, MongoDB, Pentaho BI Server, OLAP Mondrian

### Hitachi America Limited, SFO, US

##### Lead Software Engineer (Manager), HCLT\_US\_OPD Solution Team Mar 2014 – June 2015

* Understanding the business requirements and providing the solution
* Responsible for delivery of the solution for POC’s using ArcGIS, Spring MVC with RESTful Webservices and jQuery, Html5, CSS3, AngularJS and Ajax
* Integrated the REST services with High charts for UI.
* Responsible for deliver the solutions for Spring Data JPA using mappings, find by methods, Nested Queries.
* Responsible for delivery of the solution for the Product
* Test case reviews, standard performance and functional reviews
* Created the environments for project on Windows and Linux
* Setup the environments using Jenkins build automation for Development and QA.

**Technologies**:  Core Java, Spring Data JPA, Spring MVC with RESTful Webservices, Dojo, ArcGIS, Html5, CSS3, JavaScript, jQuery, D3, High charts, Ajax, AngularJS1.x, MSSQL Server, MySQL and Tomcat

### Hitachi India Private Limited, R&D Center, Bangalore, India

##### Senior Consultant, Content Cloud (Image detection and Voice detection) Sep2012 – Feb2014

* Understanding the business requirements and plan for development of the POC using open-source tools
* Responsible for delivery of the solution for POC using Spring MVC with RESTful Webservices, Ajax, Html5, CSS3, JavaScript, jQuery, Oracle, MySQL, Postgres, Linux
* Responsible for Environment setup on Linux servers, means installed the software’s like Java, Oracle, MySQL, Postgres and Tomcat
* Responsible for the set up the project structure and project deliverable’s, prepared the build.xml file, and build the application.
* Responsible for deliver the solutions for Spring with Hibernate using mappings, Nested Queries.
* Test case reviews, standard performance and functional reviews

**Technologies**:  Core Java, Spring MVC with RESTful Webservices, Spring REST Hibernate, Ajax, Html, CSS3, JavaScript, jQuery, Oracle, MySQL, Postgres, Linux, Graph DB, Jenkins and Tomcat

### Informatica Business Services Private Limited, Hyderabad, India

##### Senior Consultant, Data Archive Jun 2010 – Aug2012

* 11 months role to develop the application with new features in the data archive.
* Research the new data types in Oracle and enhance the product features.
* Responsible for design & delivery of UML artifacts
* Responsible for Installation of the product with different database homes and validating the fixes.
* Responsible to implement the product features using Oracle functions, stored procedures.
* Implemented the new features for data archive using multi-threading.
* Coordinated, supervised for release maintenance.
* fixing the bugs
* Conducting meetings & reviews with team members

**Technologies**: Core Java, JSP, Spring MVC, Html, JavaScript, Oracle10g, SQL Server, DB2, Rainstor, Windows 2000, Linux, and AIX

### Model N, Hyderabad, India

##### Senior Software Engineer, Life Sciences Nov 2007 – Jun 2010

* 31 months role to design, build, and deploy project for various modules.
* Responsible for design the customization for various customers of ModelN
* Resolved the customer issues like installation, product features.
* Responsible for reproducing the bugs and its resolution.
* Managed team of support developers throughout life cycle including support and customization

**Technologies**: Java, Servlets, JSP, Tomcat, Web logic, Web Sphere, ACF, POF, UNIX and Oracle

### Air Canada, IBM, Pune, India

##### Senior Software Engineer, Acadmin, ACO- ADO Flight Pass Application, AAS Apr 2006 – Nov 2007

* Preparing system analysis documents as per Business requirements
* Assigning tasks to all the resources.
* Developed the UI for Customer (ACO) and ADO (travel Agent) ticket bookings.
* Developed the online payment system.
* Conducting meetings & reviews with team members
* Responsible for development activities and release management
* Integrating code with Version Control System
* Preparing, Executing, and monitoring of test cases.

**Technologies**: Java, Servlets, JSP, Struts, Web services, Web sphere, UNIX and DB2

### Sprint Telecom, IBM, Pune, India

##### Consultant, NPS- Number Porting System Dec 2004 – Apr 2006

* 23 months role develop the code for number porting system based on the technical design documents.
* Developed the code for Database enhancements (developed the stored procedures, Cursors and Triggers)
* Monitoring the code migration
* Responsible for maintaining applications on various servers.
* Configure the application different servers like development, QA and staging.
* Responsible for project release notes, implementation plans and walkthroughs using Microsoft Project Plan
* Mentored junior developers.
* Responsible to design the sales tracking tool.

**Technologies**: Java, Servlets, JSP, EJB, Oracle9i, UNIX and Web logic 7.0.