**Akhilendra Sirikonda**

**Phone:**

**Email:** [**akhilsirikondadatics@gmail.com**](mailto:akhilsirikondadatics@gmail.com)

**PROFESSIONAL EXPERIENCE**

* Having 9+ years of experience in Software Development Life Cycle (**SDLC**) including Requirement Analysis, Design and Coding, Application Implementation, Unit testing and System Testing, Functional and Regression Testing and Production Support of Object-Oriented Analysis and Design using **Java /J2EE** **technologies**.
* Proficient with Software development methodologies like **Agile (Scrum) Methodologies** and **Waterfall methodologies.**
* Experience in developing the User Interface Rich Web Applications and Web Service Applications using User Interface Technologies like **HTML, C**
* **SS,** **JavaScript,** **Angular, Ajax Chrome-Developer Tools and Internet Explorer-Developer Tollbar.**
* Experience in **J2EE** framework and design patterns as well as **EJB**, **web services**.
* Used the fundamentals of **Java 1.8 and 11** like **parallel streams** and **filters** through **Lambda expressions** to handle the searching.
* Expertise in developing web-based enterprise applications using **core Java, J2EE, Servlets, JSP, EJB, JMS, JDBC, JDWP, Hibernate, Web Services (SOAP** and **REST), MVC framework (Struts, Spring MVC), SQL and Object-Oriented Programming techniques.**
* Experienced in leveraging **API Gateway** for runtime governance and security of Microservices.
* Experience in design and development of J2EE applications with **Servlets, Struts, Spring Framework, Web Services (SOAP & REST), JDBC, Hibernate and IBatis.**
* Implemented **RESTful services** with **JAX-RS** using **Spring Boot** and **Micro Services Architecture.**
* Experience in building web applications using spring framework modules like **Spring ORM, Spring MVC, Spring DAO, Spring AOP, Spring Context, Spring Security, Spring Core, Spring IOC, Spring Boot, Spring Batch** and **Web Services** using **Eclipse** and **integration** with **Hibernate** as well as **Struts**.
* Experience with tools like Experience with **Docker** Images/containers and **Kubernetes**.
* Worked end to end development using **Spring Boot, Spring Data, Spring Batch, Rabbit MQ, Oracle, Cassandra. Database Modelling, Rest Services** Development (Java 1.8).
* Experience in working on **DevOps** teams and helping automate server and infrastructure configurations using shell scripting, Perl, chef cookbooks and building **Docker** Images.
* Experience in Installation and Configuration of different modules of **ServiceNow**.
* Experience in implementing client - server business applications using **Microservices.**
* Proficient in core java concepts like **Collection Framework**, **Multi-threading**, **Generics**, **Annotations**, **Serialization, Thread pools, JavaBeans, Externalization.**
* Experience in designing, developing, and deploying Java/J2EE applications on **Web sphere, Web logic, Apache Tomcat** and **JBoss** application Servers.
* Developed JMS(MDB) solutions to transmit data over XML to save data asynchronous way through **WebSphere** MQ messaging.

Proficient in developing **Web Services**, related technologies &frame works**: WSDL, SOAP, REST, JAX-WS, JAXB, JAX-RPC, AXIS and Jersey, SOAP UI** and generating client’s client using Eclipse for Web Services consumption.

* Experienced in implementing **Service Oriented Architecture (SOA) with XML based Web Services (SOAP/UDDI/WSDL)** using Top-Down Approach and Bottom-up Approach.
* Implementing the nightly **batch jobs** to process the data.
* Experienced working with **Apache Kafka** writing producers/consumers. Also good with creating and using Kafka streams/Kafka connectors.
* Deployed Applications in cloud like **Amazon** **Webservices** and **Pivotal Cloud Foundry.**
* Extensive experience working with RDBMS such as **MySQL**, **MS SQL Server, NOSQL, MongoDB, DB2** and **Oracle** to manage extremely large data sets.
* Experience in implementing Design Patterns like Singleton**, Factory, MVC, Data Access Object** and **Business Delegate.**
* Focused on **Test Driven Development (TDD)** thereby creating detailed **JUnit** tests for every single piece of functionality before writing the functionality.
* Having knowledge and hands-on experiencewith **Selenium, Junit** testing tools.
* Configured and created application **log files using Log4J** to trace required application messages.
* Hands on experience in building tools like **ANT, Maven, Gradle**.
* Actively involved in the **DevOps** streamlining process through **Jenkins** CI and **CD** Release Automation.

**Education:**

* Bachelor of Technology in Electronics and communications engineering -Auroras Technological and research institute -2013

**TECHNICAL SKILLS**

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| **Languages** | Java 1.7/8/11, J2EE, SQL, PL/SQL |
| **J2EE Technologies** | Servlets, JDBC, JSP, JSF, JMS, EJB, JNDI, Java Security |
| **Web/XML Technologies** | HTML, CSS, JavaScript, Ajax, Angular, XML, XSD, XSL/XSLT, SAX/DOM, JSON |
| **Tools & Framework** | Struts, Spring, Hibernate, Spring MVC, Spring Web Flow, Spring IOC, Spring AOP, Spring Boot, Spring DATA, Spring Batch, Spring cloud JSF, ANT, Maven, Gradle, Jenkins, RabbitMQ, ActiveMQ, Apache Camel, OAuth2.0. |
| **Web services** | SOAP, Restful, UDDI, WSDL, JAX-RPC, JAX-RS, JAX-WS, JAX-B, Axis2. |
| **Web/App Servers** | PCF, Azure, IBM Web Sphere, Apache Tomcat, JBoss, Web Logic Server. |
| **Database** | Oracle, SQL-Server, MySQL server, TOAD, NOSQL, MongoDB, Cassandra. |
| **IDEs** | Eclipse, IntelliJ, Spring Tool Suite (STS), RAD. |
| **O-R mapping** | Hibernate, MyBatis. |
| **Modelling/ CASE Tools** | Rational Rose, MS Visio Professional. |
| **Testing Tools/ Others** | JUnit, Mockito, Soap UI, Postman, Putty, Rational Clear Quest, RTC, StarTeam. |
| **Version Control** | GIT, Tortoise SVN, CVS, Rational Clear case. |
| **OS & Environment** | Windows, Sun Solaris, UNIX, Linux. |

**PROFESSIONAL EXPERIENCE**

**Client: Broadridge, Newark, NJ Sep 22- Present**

**Role: Sr Java Developer**

**Responsibilities:**

* Involved in Requirements gathering, analysis and design with **Agile** Environment based on **J2EE** specifications and **Micro services** architecture.
* Closely work with Product Management and higher management in designing the solutions and provide relevant feedback as necessary in having the Technical Specification Document.
* Experience in developing the User Interface Rich Web Applications and Web Service Applications using User Interface Technologies like **HTML, CSS,** **JavaScript, jQuery, Angular, Ajax Chrome-Developer Tools and Internet Explorer-Developer Tollbar.**
* Developed Single page application and structured the **JavaScript** code using **Angular.**
* Extensively used **Java 8** and **11** features and core java concepts of Multi-Threading, Exception Handling, Collections and Concurrent APIs.
* Involved in end-to-end development using **Spring Boot**, **Spring Data**, **Spring Batch**, **Rabbit MQ**, **Oracle**, **Cassandra**. Database Modelling, **Rest Services** Development (**Java** 1.8).
* Used **Spring Core** Annotations for Dependency Injection, Transaction management, **Spring REST** for **REST API’s**, **Spring Boot** for micro services and **Kafka** as message broker and **Cassandra** as backend databases.
* Exposed the REST API through the **Swagger** tool and Swagger annotations.
* Used **OAuth 2.0** and **Apigee** for authentication and authorization process for the backend APIs.
* Provided connections using **Spring Data JPA** and **Spring Data Cassandra** to the database and developed SQL/NoSQL queries to manipulate the data.
* Created and managed the messages asynchronously by creating queues on **Rabbit** **MQ** server and involved in implementing the client layer using **Spring AMQP** framework to consume messages.
* Used **Spring Batch** and **Spring Integration** to run the job and migrate the data from legacy to digital platform.
* Defined **unit test** cases using **JUnit** and **Mockito** based on the technical design/functional design in a way that is comprehensive and verifies accuracy of developed features.
* Developed **CI/CD** system with Jenkins on **Kubernetes** environment, utilized Kubernetes and **Docker** for the runtime environment for the CI/CD system to build, Test and Deploy.
* Involved in configuring **Spring-Boot** and **NOSQL** in the project.
* Worked with **NoSQL** database to store **JSON** like dynamic connections data.
* Used **NoSQL** databases like **AWS** **Dynamo DB** and **S3** for data persistence.
* Working on **spring cloud** for configuration management and maintained the apps on **AWS**.
* Utilized AWS Lambda to upload data into **AWS S3** buckets and to trigger Lambda Functions Including **EC2**.
* Configured **AWS EC2** instances, **S3** Buckets and Cloud Formation Services based on the business requirements.
* Develop and design SQL Database scripts based on the application design for both DML and DDL.
* Used **Log4j** to print the logging, debugging, warning, info and **Splunk** to monitor the issue.
* Worked with **Spring Cloud Sleuth** for monitoring the issue/defects at **micro service** level.
* Used **Bitbucket** repository for version control and implemented a Continuous Delivery pipeline with **Jenkins**.
* Used **Maven** script for building and deploying the application.

**Environment:** HTML, CSS, JavaScript, Angular, Java 1.8, J2EE, Microservices, Spring Core, Spring Boot, Spring Data, Spring cloud, Spring Batch, Spring Security, Oracle, Cassandra, Kubernetes, RESTful, SOAP, AWS, RabbitMQ, Swagger, Postman, JUnit, Mockito, TDD, Log4j, Splunk, STS, Apache Tomcat, NOSQL, Agile/Scrum Methodology, Maven, JIRA, GIT, Bitbucket, Jenkins, SonarQube.

**Client: FINRA, Rockville, MD Jan 20 - Aug 22**

**Role: Sr Java Developer**

**Responsibilities:**

* Working as Java developer involves developing multiple modules as per the project requirements.
* Actively participate in agile requirements gathering and design discussion.
* Created user-friendly GUI interface using **HTML, CSS,** and **JavaScript.**
* Used **Angular** Http services for asynchronous validations for the input fields of the forms with the data that existed in the database.
* Created custom, self-contained, reusable, and testable **Angular** modules, controllers, and services to implement key functionalities for customer account summary.
* Involved in writing business logic as per the JIRA story /technical details using **Java1.8/11, J2EE** technologies. To develop those, we are using **Eclipse, IntelliJ** where execution platform is **JBoss** server.
* From the app and designed suitable GUI for these applications.
* Developing **Rest API** that Interact with database - via java persistence API (**JPA, Hibernate**). Write entity classes as part of JPA mapping to establish simple or complex relational with database.
* Designed and developed **Micro Services** business components using **Spring Boot.**
* Developing the Rest services using **Spring Boot**, **Spring MVC** framework following **Micro service** design pattern. Managing exception, structure creation for request response, rest security, ready api validation, logging, optimization of code, SQL, maintaining code quality in sonar is part of my daily task.
* As part of unit testing used **Juni**t test cases using **Mockito** and **Power Mockito**. Private method mocking is included in it. Maintaining code coverage is one of my major responsibilities.
* Used Jenkins pipelines to drive all micro services builds out to the Docker registry and then deployed to Kubernetes, Created Pods and managed using **Kubernetes**.
* My role includes configuring logging patterns for business notification in **Kibana** when certain situations occur in application.
* Implemented **Spring boot** microservices to process the messages into the **Kafka** cluster setup.
* Implemented the **Docker** containers for virtualization, Ship, Run and deploy the application securely to fasten the Build/Release Engineering, and virtualized the servers using the **Docker** for the test environments and dev-environment needs.
* Using **GIT** as repository. Check out, create branch, Pull, check in, Push, commit code is a prat of my daily activity.
* Involved in configuring **Grafana** for monitoring and performance visualization purposes.
* API documentation is one of my responsibilities and Used **Swagger 2.x** for documenting and GUI support with business details.
* Worked on developing applications, automated scripts leveraging **NOSQL**.
* Used **NOSQL** database **Amazon dynamo DB** to store data of reporting Application.
* Used **AWS** **S3** to store data and to retrieve the stored data very quickly and used **Elasticsearch** for searching the document.
* Used **AWS** deployment services to quickly set up a dynamic website and configured virtual servers using AWS EC2 and responsible for maintaining and expanding our AWS infrastructure using **AWS EC2/EBS**.
* Developed Java API to interact with the **Amazon SQS** used in sending bulk emails.
* Provided connections using **Spring Data JPA** and **Spring Data Cassandra** to the database and developed SQL queries to manipulate the data.
* Used **Spring Core** Annotations for Dependency Injection, Transaction management, **Spring REST** for **REST API’s**, **Spring Boot** for micro services and **Kafka** as message broker, **Oracle** and **Cassandra** as backend databases.
* Developed customized **SQL** for retrieving the data from the database.
* Created new tables, **Stored Procedures**, functions, views, **indexes** and constraints, **triggers** and required SQL tuning to reduce the response time in the application.
* Worked Apache **Kafka** writing producers/consumers and creating, using Kafka streams/Kafka connectors.
* Developed the **Kafka** consumer and producer and generated the events in cluster and sandbox.

**Environments**: HTML, CSS, JavaScript, Angular**,** Java1.7/8, Spring Boot, Spring MVC, Micro services, Rest API, Kafka, Swagger, Kibana, Grafana, AWS,Dynamo DB, NOSQL, Confluence, Kubernetes, JBoss, JIRA, GIT, JUNIT, Agile, IntelliJ, Visual studio, Swagger 2.x, Unix, Black& White Box testing.

**Client: Equifax, St Louis, MO Oct 18 – Dec 19**

**Role: Sr Java Developer**

**Responsibilities:**

* Involved in Requirements gathering, analysis and design with **Agile** Environment based on **J2EE** specifications and **Micro services** architecture.
* Closely work with Product Management and higher management in designing the solutions and provide relevant feedback as necessary in having the Technical Specification Document.
* Implemented user-friendly web-based application using AngularJS, **HTML5**, **CSS3**, **Spring** and **MongoDB**.

Implemented **Microservices** Architecture and made **REST API** calls from **Angular** and parsed the data to client and handled the security using **Spring Security** and **OAuth 2.0** authentication protocol.

* Design and develop template-based User Interface using **Angular**.
* Extensively used **Java 8** features and core java concepts of Multi-Threading, Exception Handling, Collections and Concurrent APIs.
* Involved in end-to-end development using **Spring Boot**, **Spring Data**, **Spring Batch**, **Rabbit MQ**, **Oracle**, **Cassandra**. Database Modelling, **Rest Services** Development (**Java** 1.8).
* Exposed the REST API through the **Swagger** tool and Swagger annotations.
* Used **AWS** S3 to store data and to retrieve the stored date very quickly and used **Elasticsearch** for searching the document.
* Responsible for creating an **Amazon EC2** instance using (AWS) Elastic Bean Stalk and deploying the application on it.
* Efficiently handled periodic exporting of SQL data into **Elasticsearch.**
* Created and managed the messages asynchronously by creating queues on **Rabbit** **MQ** server and involved in implementing the client layer using **Spring AMQP** framework to consume messages.
* Used **Spring Batch** and **Spring Integration** to run the job and migrate the data from legacy to digital platform.
* Defined **unit test** cases using **JUnit** and **Mockito** based on the technical design/functional design in a way that is comprehensive and verifies accuracy of developed features.
* Run **Sonar Cube** Analysis on Project and Publish report to Sonar Dashboard and integrate with Jenkins.
* Used **Kubernetes**to orchestrate the deployment scaling and management of **Docker** Containers.
* Involved in **batch processin**g using Spring Batch framework to extract data from database and load it into corresponding tables.
* Worked on migrating existing applications from **AWS** cloud platform to **Azure**. Perform Service migrations like lift and push on On-Perm and AWS and **Azure** servers reducing server and maintenance cost.
* Extracted data from CSV files and loaded into the tables in the database using **Spring Batch**.
* Develop and design SQL Database scripts based on the application design for both DML and DDL.
* Used **Log4j** to print the logging, debugging, warning, info and **Splunk** to monitor the issue.
* Written **SQL Queries** and **stored** **procedures** to interact with **MongoDB.**
* Worked with **Spring Cloud Sleuth** for monitoring the issue/defects at **micro service** level.
* Used **Bitbucket** repository for version control and implemented a Continuous Delivery pipeline with **Jenkins**.
* Used **Maven** script for building and deploying the application.

**Environment**: HTML, CSS, JavaScript, Angular**,** Java (1.8), J2EE, Microservices, Spring Core, Spring Boot, Oracle ADF 11g, Spring Data, Spring cloud, Spring Batch, Spring Security, Kubernetes, Oracle, Cassandra, RESTful, SOAP, Kafka, Swagger, Postman, JUnit, Mockito, TDD, Log4j, Splunk, AWS, STS, Apache Tomcat, Agile/Scrum Methodology, Maven, JIRA, GIT, Bitbucket, Jenkins, SonarQube.

**Client: Inversedime Solutions, India Mar 16 - May 18**

**Role: Java Developer**

**Responsibilities:**

* Involved in **Scrum** calls, **Sprint** meetings and updated work status in **Jira** tool as part of **Agile** methodology.
* Created user-friendly GUI interface using **HTML5, CSS3, JavaScript, JQuery, Angular**.
* Developed Single page application and structured the **JavaScript** code using **Angular**.
* Utilized Java 8 features like **Lambda** expressions and **Stream** API for bulk data operations.
* Implemented **Microservices** Architecture and made **REST API** calls and parsed the data to client and handled the security using **Spring Security** and **OAuth 2.0** authentication protocol.
* Refactored existing **monolithic** application by identifying components that need to be transformed to **Micro-services** architecture, with **Spring Boot** based services interacting through a combination of **REST**, **RabbitMQ**.
* Designed and developed business components using **Spring Boot**, Spring Dependency Injection (Core), **Spring AOP** and **Spring Annotations**.
* Authored application using **Spring Cloud** services (spring cloud version of Netflix OSS-Eureka).
* Working on **spring cloud** for configuration management and maintained the apps on **Pivotal Cloud Foundry**.
* Implemented Netflix-Eureka from Spring Cloud for dynamic **Microservices** registry and discovery.
* Created Payment customer for the **Payment** page for the integration with multiple channels Web and Finance banking.
* Exposed the REST API through the **Swagger** tool and Swagger annotations.
* Created and managed the messages asynchronously by creating queues on **Rabbit** **MQ** server and also involved in implementing the client layer using **Spring AMQP** framework to consume messages.
* Worked on repositories using **Spring-DATA** JPA.
* Scheduled **CRON** batch jobs using **Spring Batch** framework along with Quartz and Spring Task scheduler.
* Developed customized SQL for retrieving the data from the database.
* Created new tables, **Stored Procedures**, functions, views, **indexes** and constraints, **triggers** and required SQL tuning to reduce the response time in the application.
* Used **SonarQube** code quality tool to maintain the code quality with solid understanding of JVM and monitored its performance.
* Focused on **Test Driven Development (TDD)** thereby creating detailed **JUnit** tests for every single piece of functionality before actually writing the functionality and decoupled it by mocking the dependencies using **Mockito** framework.
* Implementation of different exporters to get metrics of the **OpenShift** components and servers.
* Used **Maven** building tool for creating EAR file to be deployed in application servers. It is also used for dependency management of code in application.
* Used **Git** as Version Control tool to develop the enhancements for every release.
* Triggered the jobs in **Jenkins** for continuous integration and continuous deployments (CI/CD).
* Monitored the error logs using **log4j**.
* Created **Shell Script** to invoke Java programs on UNIX batch platforms.
* Involved in production support, resolving production job failures, interacting with the operations support group for resuming the failed jobs.

**Environment:** HTML, CSS, JavaScript, Angular,Java (1.8), J2EE, Spring Framework (Spring Security, Spring Boot, Spring Data, Spring Batch), Web services, RESTful, Microservices, OAuth 2.0, XML, JUnit, Mockito, TDD, Log4j, STS, Agile/Scrum Methodology, Oracle, PCF, Tomcat, Maven, JIRA, Git, Jenkins.

**Client: Semantic Space Technologies, India Aug 14 – Feb 16**

**Role: Sr. Java/J2EE Developer**

**Responsibilities:**

* Involved in various phases of Software Development Life Cycle **(SDLC)** such as requirements gathering, modelling, analysis, design, development and testing.
* Generated the use case diagrams, Activity diagrams, Class diagrams and Sequence Diagrams in the design phase using **Star UML** tool.
* Expertise in various Agile methodologies like SCRUM and Test-Driven Development (**TDD**).
* Written code for **TDD** on every module worked in medical awareness project using **Junit**.
* Extensively worked with core java like **collections**, **String Builder,** and **interfaces**.
* Used **Multithreading** in programming to improve overall performance using **Singleton** design pattern in **Hibernate** utility class.
* Used **Spring** framework **AOP** features and **JDBC** module features to persist the data to the database for few applications. Also used the **Spring** **IOC** feature to get hibernate session factory and resolve other bean dependencies.
* Prepared calls through **Hibernate, spring LDAP, Spring JDBC** for Interacting with the Database.
* Created **RESTful** web services interface to Java-based runtime engine and accounts.
* Used **JAX-WS** **and Metro** stack for building of Web Services. Also developed the web service client applications to test the web services. Tested the web service using **SOAP UI**
* Used **SOAP** to Implement Web Services and Consumed and published XML Web Services in the application.
* Created the Data Definition Language (**SQL**) to create and maintain the **data model**.
* Implemented a Continuous Delivery pipeline with **Jenkins** and **GitHub.**
* Used **GIT** as Source Version control management system and worked on **GitHub** repository.
* Configured and deployed the application on **JBoss** application Server.
* Implemented the various services using **Microservices** architecture in which the services work independently.
* Designed and developed **Microservices** business components using Spring Boot.
* Developed an **API** to write **XML** documents from a database. Utilized **XML** and **XSL** Transformation for dynamic web-content and database connectivity.
* Involved in designing and developing the **JSON, XML** Objects with **MySQL.**
* Implemented Data access objects using **Hibernate** to access data from **Oracle** database Called Stored Produces in **Oracle** using Callable Statements in **JDBC**
* Actively used the **defect tracking tool JIRA** to create and track the defects during QA phase of the project.
* Worked with **Web Sphere** application server that handles various requests from Client.
* **Scrum** meetings (Sprint Reviews and Retrospectives)
* Created **Shell Script** to invoke Java programs on UNIX batch platforms.
* Involved in production support, resolving the production job failures, interacting with the operations support group for resuming the failed jobs.

**Environment:** Java 1.8, Micro Services, Spring Boot, Spring, Hibernate, Servlets, XML, MVC, JUnit, Maven, Web Sphere, UML, SOA, JAX-WS, RESTful, SOAP UI, JMS, Log4J, SOAP, Oracle, MySQL, WSDL, JIRA, RAD, ESB, JSON, Jenkins, GIT**.**