

Akileashwar S



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Skills

Languages : Java , Javascript , Typescript
Jquery

Front-End : Angular , React.

Back-End : Spring boot , Webflux,
KsqlDB.

Messaging Systems : Kafka , Redis ,
Rabbitmq.

Data Integration: Kafka Connect ,
Debezium.

Databases : MongoDB , Oracle

Monitoring & Observability:
Splunk, Dynatrace, Jaeger, Prometheus,
Grafana

DevOps Tools: Azure Pipeline

Stream Processing: Kafka Stream,
Apache Flink.

Plugin Development: Eclipse RCP,
SWT, JFace , Gef.

Frameworks/Tool

Java: Apache Common-* , Apache
maven , IText , Apache Poi , Apache Log4j ,
Apache Tomcat , Apache Kafka , Apache
Flink , Mockito , Power Mockito , Apache
Camel , Apache Drools , IBM ODM ,
Hibernate , JPA , Spring Boot-starter* ,
Redis , Hashicorp vault, Splunk , Dynatrace
, OAuth , Lombok , Apache Netty , Project
Reactor , Apache Avro.

Angular: Angular Material, NgRx ,
Rxjs , Moment js.

Summery

Dedicated and highly skilled Full stack Java Developer with 8 years of experience in building robust and scalable software solutions. Adept at working with a wide range of technologies, from frontend frameworks like Angular and React to backend systems like Kafka, Kafka Streams, Kafka Connect, Debezium, and more. Seeking challenging opportunities to contribute my expertise and drive innovation in a dynamic development environment.

Work Experience

Team Lead

Jul-2022 – mar 2023

Wipro It service and Consulting, Bangalore

Optum-Cptt

Description

IT'S a healthcare insurance-based project. Here we will handle the file from desperate system and then those files are parsed, validated them using drools and published to Kafka. Those published data are pushed to Databricks for annalistic purpose.

Role and Responsibility

- Built and maintained microservices-based applications using Spring Boot and Angular.
- Implement new features and bug fixes.
- Developing and maintaining user interfaces using Angular.
- Implemented and maintained a messaging system for event-driven architecture using Kafka and Avro.
- Developed and maintained Azure Pipelines for continuous integration and continuous deployment (CI/CD).
- Implemented Redis Cache to optimize data access and storage
- Managed data storage and retrieval efficiently by working with both NoSQL (MongoDB) and relational

Humana -Enrolment Api

Description

It's a healthcare insurance-based project. Motive of this project is to make faster the process of insurance claiming.

Role and Responsibility

- Developed and maintained web applications using Spring Boot, and Angular.
- Implement new features and bug fixes.
- Designed and optimized database schemas in MongoDB and Oracle, reducing query response times and enhancing data storage efficiency.
- Integrated disparate systems using Apache Camel
- Designed and managed business rules using IBM ODM.
- Implemented Splunk for log management and analysis.
- Implemented a monitoring and alerting system Using Dynatrace.
- Implemented and maintained a messaging system for event-driven architecture using Kafka and Avro.

Humana -Pharmacy finder.

Description

It's a tool where a user/client can search for pharmacy nearby

Team Lead

May 2023-Aug 2023

Team Lead

Aug 2023- Current

user/client which are collaborated with Humana. Here as the request for addition and removal of pharmacy is automated using cron-Job and Kafka where the records are polled periodically.

Role and Responsibility

- Developed and maintained reactive web applications using Kafka, Spring Boot, webflux and Angular
- Implement new features and bug fixes
- Integrated disparate systems using Apache Camel
- Built a real-time data processing pipeline using Apache Flink and Apache Kafka to process real-time data from disparate systems and generate alerts for anomalies
- Developed a Splunk dashboard to monitor and analyse the performance and health of a microservices-based architecture.
- Implemented Dynatrace to monitor and troubleshoot performance issues in a microservices-based architecture.
- Built a Kafka Connect connector to stream data from a relational database into Kafka
- Implemented automated testing, continuous integration, and deployment pipelines to streamline the development process.

Cognizant Technology Solution, Bangalore

Caterpillar Inc- Supply chain management tool

Description

This is a Supply chain management tool comprises of several tools like Price Change Management, Situation and Events, Supplier Tooling, Mtracks, Nivex, RRoad. Using this tool we are able to visualize supplier details, agency details, budget details, Demand details, Machine Order information, Parts Details. Using this tool we can make request for parts price change, new tool or enhancement. And also, we can raise alert if any delay in production or shipping due to natural calamities like cyclone or pandemic and based on this event the necessary step will be taken by the consumer to overcome this interrupt of supply chain flow.

Role and Responsibility

- Developed and integrated Apache Camel routes to connect different systems and applications
- Developed and maintained scalable and responsive web applications using Angular
- Created and managed RESTful APIs in Spring Boot, ensuring data interoperability and system integration with third-party services.
- Designed, implemented, and maintained real-time, event-driven systems using Apache Kafka for data processing
- Implement new features and bug fixes
- Designed and optimized database schemas in MongoDB and Oracle, reducing query response times and enhancing data storage efficiency.
- Developing and maintaining user interfaces using Angular
- Implemented automated testing, continuous integration, and deployment pipelines to streamline the development process.

Ancit Consulting, Bangalore

Apartment Maintenance and Management.

Description

It's an Apartment Management Software to be used by Apartment Society & Association. In this software, they able to maintenance list of flats with their owner details. Maintain the income & expenses of the apartment. They will be able to generate receipt Invoice and Balance sheet by using this software.

Roles & Responsibility:

- Developed responsive web applications using Angular and spring boot.
- Designed and optimized database schemas in Oracle.
- Implement new features and bug fixes
- Implemented smtp for emails.
- Implemented and executed comprehensive test cases and test suites using JUnit to ensure software reliability and quality.
- Implemented automated testing, continuous integration, and deployment pipelines to streamline the development process.

Senior Developer

Mar 2020–Jul 2020

Associate Developer

May 2016–Dec 2016

Associate Developer
Oct 2016 - Dec 2016

Gate Crasher

Description

This is an entry ticket management software where you will first register the RFID cards and provide access to a particular event to the clients who have valid registered cards. Along with registration and validation we also provide various reports such as No of Customers who have entered into the event, No of Customers who have left the event, Type of Ticket sold most etc.

Roles & Responsibility:

- Designed user interface using SWT.
- Designed and optimized database schemas in MySQL
- Integrated IRID scanner with the system.
- Implemented and executed comprehensive test cases and test suites using JUnit to ensure software reliability and quality.

Associate Developer
Jan 2017 - Jul 2017

Json Generation

Description

It's a GEF based Editor to create Cluster Chart with the relevant Nodes in the Cluster along with the relationships between them. User will be able to create Nodes and link them to existing Nodes. Finally, the User should be able to generate the required Json based on the graphical representation.

Roles & Responsibility:

- Designed complete data Model using EMF.
- Designed user interface using SWT and JFACE.
- Involved in database design of MySQL.
- Implemented and executed comprehensive test cases and test suites using JUnit to ensure software reliability and quality.

Associate Developer
Jul 2017 - Oct 2018

Account Management

Description

It's an Account Management Application. In this RCP you can add/edit and delete Customer details, Manage Invoices, Expenses of a Company and then finally be able to calculate the Tax Payable to the Government as per Indian Taxation Rules.

Roles & Responsibility:

- Designed complete data Model using EMF.
- Designed user interface using swt and Jface.
- Involved in database design of MySQL.
- Implemented automated testing, continuous integration, and deployment pipelines to streamline the development process.

Senior Developer
Oct 2018 - Mar 2019

Bosch- Resource Allocation.

Description:

It's a Resource allocation tool where the user(developer/Tester) can enter the timing for the project which they have worked and Manager can visualize that the resource utilization is within the budget limit.

Roles & Responsibility:

- Designed database using Oracle.
- Developed responsive web applications using Angular and spring boot.
- Implemented and executed comprehensive test cases and test suites using JUnit to ensure software reliability and quality.
- Implemented automated testing, continuous integration, and deployment pipelines to streamline the development process

Online Placement Assessment System

Description

It's an online placement assessment system. Here students can take test. Results are shown in graph for each sections, so the candidate can visualize the performance in each section. we categories the candidates based on performance and also provide them the autogenerated tips to improvise their performance. Admin/Staff can view the performance of the all dept

Roles &Responsibility:

- Developed responsive web applications using Angular and spring boot.
- Designed database using Oracle.
- Implemented and executed comprehensive test cases and test suites using JUnit to ensure software reliability and quality.
- Implemented automated testing, continuous integration, and deployment pipelines to streamline the development process