Sukumaran R

Senior Software Developer, 8+ years experience
Palakkad, India
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Highly skilled and self-driven Senior Java Developer with 7+ years of experience designing and developing scalable, reactive backend systems. Expertise in Java, Spring Boot, Spring Cloud, and micro-services architecture, with a proven track record of implementing efficient, high-performance solutions. Adept at asynchronous programming, cloud-native API development, cloud deployments (AWS, Azure, Kubernetes), and data-driven application development. Experienced in working with global teams across time zones, ensuring smooth collaboration and on-time delivery in Agile environments.

INDUSTRIES: IOT Solutions, Hotel Software

TECHNICAL SKILLS

• Java	8 years
• REST APIs	8 years
• Log4j	8 years
• Github	8 years
• JSON	8 years
• Docker	8 years
• Hibernate	8 years
• AWS	8 years
• Spring Boot	8 years
• Spring Batch	8 years
• Spring Framework	8 years
• Spring MVC	8 years
• Kafka	6 years
• Redis cluster	6 years
• Mongo DB	6 years
• Apache Flink	5 years
• Elasticsearch	5 years
• MS SQL	4 years
• ORACLE Database	3 years
• React js	3 years
• Kubernetes	3 years
• Selenium WebDriver	3 years
• PostgreSQL	3 years
• Hyperledger	2 years
• Corda	2 years
• Web3j	2 years

SOFT SKILLS

Communication, Teamwork, Problem-solving, Time management, Critical thinking

PROJECT DETAILS

• mPACT2TWO November-2022 - May-2023

Project Description: Developed an operator-centric application to prevent leaks in refineries, focusing on real-time monitoring and issue resolution.

Responsibilities: I designed backend systems using Spring Boot and Apache Camel with Java 17 for real-time data processing. I developed scalable microservices to support critical monitoring workflows, ensuring minimal latency. I created ReactJS-based dashboards that provided intuitive, real-time visibility into operational metrics. To handle critical event processing, I integrated event-driven systems using Kafka. I implemented secure communication channels to ensure compliance with industry standards and coordinated with stakeholders to refine application requirements, resulting in streamlined feature implementation.

Technologies: Spring Boot, Apache Camel, Java 17, Microservices, ReactJS, Kafka

Industry: IOT Solutions

• Hotel Booking Feedback Loop System May-2023 - June-2025

Project Description: Designed and developed a large-scale, cloud-native feedback loop platform for Agoda to monitor, process, and respond to customer feedback across millions of hotel bookings worldwide. The platform integrated booking, support, reviews, and partner management data into a single ecosystem, enabling real-time analytics, faster dispute resolution, and improved customer satisfaction.

Responsibilities: I developed high-performance, non-blocking APIs using Java 17 and Spring WebFlux, capable of handling thousands of concurrent feedback submissions and queries with sub-second latency. I implemented event-driven microservices with Apache Kafka to ingest and process feedback from surveys, chat logs, and app reviews, enabling decoupled and resilient service communication. To support cloud integration, I designed CI/CD workflows using AWS CodePipeline, CodeBuild, CodeDeploy, ECR, and CodeArtifact for automated testing, building, and deployment across multiple environments. I deployed microservices on Kubernetes and automated deployments with ArgoCD, following GitOps practices. For performance optimization, I used Redis to cache booking metadata and past feedback summaries, improving key endpoint performance by 35%. I implemented JWT-based authentication to ensure secure and role-based access to feedback data. On the database side, I worked with DynamoDB for high-throughput feedback tracking and Oracle for structured partner and booking information, writing optimized PL/SQL procedures, triggers, and packages to handle complex workflows. I integrated Elasticsearch to enable complex feedback search queries and delivered business reports using Jasper Reports. For monitoring and troubleshooting, I used AWS CloudWatch and Splunk to perform log analysis, real-time monitoring, and issue diagnosis. Additionally, I collaborated in an agile environment with cross-functional teams to ensure the timely delivery of features and performance enhancements.

Technologies: Kubernetes, Docker, AWS, Java, Spring Boot, Spring WebFlux, Microservices, Apache Kafka, Apache Flink, Apache Camel, Oracle, MySQL, PostgreSQL, MongoDB, DynamoDB, Redis, Elasticsearch, Jasper Reports, AWS CloudWatch, Splunk, Prometheus, Grafana

Industry: Hotel Software

EMPLOYMENT HISTORY

• Senior Software Engineer May-2023 - June-2025

Description: I developed high-performance, non-blocking APIs using Java 17 and Spring WebFlux, capable of handling thousands of concurrent feedback submissions and queries with sub-second latency. I implemented event-driven microservices with Apache Kafka to ingest and process feedback from surveys, chat logs, and app reviews, enabling decoupled and resilient service communication. To streamline deployments, I designed CI/CD workflows using AWS CodePipeline, CodeBuild, CodeDeploy, ECR, and CodeArtifact for automated testing, building, and deployment across multiple environments. I deployed microservices on Kubernetes and automated deployments with ArgoCD, following GitOps practices. For performance optimization, I integrated Redis for caching booking metadata and past feedback summaries, improving key endpoint performance by 35%. I implemented JWT-based authentication to ensure secure and role-based access to feedback data. On the data side, I worked with DynamoDB for high-throughput feedback tracking and Oracle for structured partner and booking information, writing optimized PL/SQL procedures, triggers, and packages to manage complex workflows. I integrated Elasticsearch to support complex feedback search queries and delivered business reports using Jasper Reports. For monitoring and troubleshooting, I used AWS CloudWatch and Splunk for log analysis, real-time monitoring, and issue diagnosis. Additionally, I collaborated in an agile environment with cross-functional teams, ensuring the timely delivery of features and performance enhancements.

• Senior Software Engineer November-2022 - May-2023

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Description: I designed backend systems using Spring Boot and Apache Camel with Java 17 for real-time data processing. I developed scalable microservices to support critical monitoring workflows, ensuring minimal latency. I created ReactJS-based dashboards that provided intuitive, real-time visibility into operational metrics. To handle critical event processing, I integrated event-driven systems using Kafka. I implemented secure communication channels to ensure compliance with industry standards and coordinated with stakeholders to refine application requirements, resulting in streamlined feature implementation.

EDUCATION

• Masters degree in Computer Application from Anna university 2015 - 2017

LANGUAGES

• English - advanced

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