Rathnasabapathy A R

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Software Developer

 Java Spring Boot Developer with 2 years of experience in backend development, Microservices, Apache Kafka, and some services in AWS. Strong problem-solving skills and a focus on performance and scalability. Committed to continuous learning and adapting to new technologies.

Experience

Tata Consultancy Services | System Engineer **(**May 2022 **–** Present**)**

Project 1 |Flagstar Bank (client) | Java Developer (Oct 2022 - Oct 2023)
- Migrated code from Java 1.8 to Java 17, enhancing application performance and security.
- Developed and executed comprehensive test cases for APIs using JUnit, increasing test coverage by 60%.
- Addressed UAT bug and resolved vulnerabilities, ensuring a secure and robust application.
- Implemented SonarQube to identify and fix code vulnerabilities.

Project 2 | Flagstar Bank (client) | Java Developer (Oct 2023 – Present)
- Created Kafka topics to facilitate communication between micro services, improving system reliability and scalability.
- Developed Flyway scripts for database migrations, ensuring seamless data integration and management.
- Resolved critical production issues and addressed security vulnerabilities, maintaining high system uptime and integrity.
- Collaborated with clients to implement new features, resulting in a 15% increase in user satisfaction.
- Migrated code repositories from AWS to GitHub for project requirements.
- Expanded the existing API infrastructure by incorporating a new API endpoint, enhancing the overall capabilities of the system.

Skills
- **Languages & Frameworks**: Java, Spring Boot, Spring Security, Spring Batch.
- **Databases**: Oracle SQL, MySQL, PostgreSQL
- **Build & Automation:** Jenkins, Maven
- **Testing:** JUnit, Mockito, Postman
- **Version Control**: GitHub, Bitbucket.
- **Messaging & Integration:** Apache Kafka, Rest Client
- **Design Pattern:** Microservices Architecture, Event driven Architecture, API gateway, Adapter pattern, Distributed systems.
- **Other Skills**: DSA (Data Structures and Algorithms), HTML, CSS, Agile Way of Working, SDLC
- **Soft Skills**: Business processes understanding, Logical thinking, problem solving, effort estimation, independent thinker.

Education

Alagappa Chettiar Government College of Engineering and Technology   Karaikudi, Tamilnadu
BE - Civil Engineering (CGPA: 73.8%)   (July 2017 - March 2021)

Licenses & Certifications
- Google Cloud Certificate - Associate Cloud Engineer (Apr 2023 - Apr 2026)
- GitHub Foundational Certificate (Aug 2024 – Aug 2027)
- Core Java - Udemy (Oct 2022)
- Relational Database Design - Udemy (Apr 2022)

Project

Currently developing a full-stack blog web application using React for the frontend and Spring Boot for the backend. Implementing RESTful APIs, JWT-based authentication, and planning to deploy on AWS using Docker.