

Rathnasabapathy A R

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Education

ACCET

B.E – Civil (2017 - 2021) |

Karaikudi, Tamilnadu

Overall Percentage: 73.80%

Licenses & Certifications

- Google Cloud Certificate - Associate Cloud Engineer (Apr 2023 - Apr 2026)
- Core Java - Udemy (Oct 2022)
- Relational Database Design - Udemy (Apr 2022)

Skills

•Java • Spring Boot •JavaScript
• Python •Oracle SQL •MySQL
•Jenkins •Maven •JUnit
•Mockito •Postman •Apache Kafka
•Spring Cloud • Spring Boot
Eureka •AppMesh
•Apigee • Okta •Spring Data JPA
•Spring Security •Spring Batch
•Microservices
•DSA (Data Structures and Algorithms)
• HTML • CSS

Professional Development

- Attended webinar on Docker Fundamentals, AWS Skill Builder, GitHub Foundation.
- Attended workshop on Generative AI and on tools such as ChatGPT, GitHub Copilot, and Code-X.

Experience

Tata Consultancy Services | System Engineer

May 2022 - Present

Project 1 | 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 | 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 cross-functional teams to implement new features, resulting in a 15% increase in user satisfaction.
- Integrated Spring Security into specific modules to ensure they are protected from unauthorized external access.
- 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.

Web Development 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.