

PRATIK KARANJULE

Java Developer | 2.5 Years of Experience

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EXPERIENCE

Senior Systems Engineer (Java Developer)

Infosys, Pune

📅 Jan 2022 – Present

Project Overview:

Worked on a FinTech project aimed at automating the financial report generation process for industries. The system was designed to streamline and optimize data collection, processing, and reporting using a microservices-based architecture.

Technologies: Java, Spring Boot, React, Microservices, AWS (Lambda, S3, SQS, SNS, DocumentDB, RDS), RabbitMQ, Maven

Key Contributions & Responsibilities:

- Developed multiple **RESTful APIs** using **Java** and **Spring Boot** to handle core backend functionalities.
- Designed and implemented a **microservices-based architecture** to ensure modularity, scalability, and maintainability of the system.
- Created a **custom service library** as a **Maven project**, deployed it to **AWS S3**, and integrated it across different microservices via **Maven dependencies** for centralized model and utility management.
- Worked on a **file upload flow**, leveraging **AWS Lambda, SQS, and SNS** to build an efficient **ETL (Extract, Transform, Load) pipeline**, ensuring scalable data processing.
- Migrated the messaging system from **AWS SQS to RabbitMQ**, improving cost efficiency and messaging performance.
- Implemented **CRUD APIs** for dynamic data handling and efficient data retrieval.
- Used **DocumentDB (NoSQL)** and **MySQL (RDBMS)** to manage structured and semi-structured data, ensuring optimized performance.
- Improved **financial report generation** speed and accuracy by automating key processes.
- Enhanced **system scalability** by modularizing different application components into **independent microservices**.
- Developed reusable components, **improving development efficiency** and reducing redundant code.

TECHNICAL SKILLS

Programming Lang.

Java (Core & Advance), Python
Object-Oriented Programming

Frameworks & Libraries

Spring MVC, Spring Boot,
ORM-Hibernate/JPA

Web Technologies

HTML5, CSS3

Database & Cloud

MySQL, AWS Cloud

Microservices & API

RESTful APIs, Swagger

Tools & Others

Postman, Eclipse, JUnit, Agile,
JWT Token, Maven, Git, CI/CD

EDUCATION

Bachelor of Engineering

Savitribai Phule Pune University

📅 2018 – 2022 | 8.9 CGPA

HSC

Maharashtra State Board

📅 2017 – 2018 | 72.42%

CERTIFICATIONS

AWS Certified Cloud Practitioner

Red Hat System Administration
(RH124)