

Sayan Maity

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Professional Summary

- 3+ years of extensive programming experience in developing optimal technical solution on backend system and RestAPI for different operation and multiple business requirements using Java and Spring Boot on Health, Banking Domain.
- Having capability of co-operation and communication with teams and clients.

Work Experience

Software Developer
Accenture | India

Dec 2021 - Present

- Implemented a middle-man service using Spring Boot & Java through which different types of information are being passed from upstream application to downstream application.
- Developed RestAPI endpoints for different requirement using Spring Boot.
- Before sending to downstream applications, Validation and other business logics are being performed on incoming data from upstream.
- Implemented mail sending to source features if any rejection happened at time of validation and having any reject/unsuccessful acknowledgement coming from downstream to this service by SMPT.
- Implemented producer mechanism to send incoming info to respective multiple Kafka topics.
- Developed Auto-retry mechanism on third party api call if get failure.
- Implement functionality to store all types of transaction at MongoDB collection after performing tokenization on PHI fields.
- Have Written Cron-job functions for a few scheduled tasks.
- Integrated Cache Mechanism Using Caffeine to reduce redundant call to get api access token.
- Have Written Unit test cases using JUnit and Mockito following a test-driven approach
- Verify each api call with help of Postman
- Have Written aws-lambda to create DB extract as JSON file and to store on S3 bucket.
- Have written another aws-lambda to send Json files from one S3 bucket to another S3 bucket.
- Developed functionality using Java and Spring Boot to consume 5000 of data each iteration by calling api and there are 495 iterations, and each iteration was dependent on previous responses. On each iteration must write those responses on csv file. Additionally need to optimize overall execution time using thread-pool and Executor-service.
- Developed automated flow where need to call 3 apis in-orders and need to map the received response with given format and pass to other api call as request-body to update records and have verify execution flow by Junit & Mockito
- Implemented email triggers on any failed executions.

Skills

Primary Skill – Java 8+, Spring Boot

Technologies and tools – Kafka, MongoDB, MySQL, Junit, Mockito, Docker, Git, Jira

Cloud Skill – AWS, GCP

Others - Communication, Ownership, Time Management, Collaborative.

Certifications & Awards

- AWS Certified Associate Developer
- GCP Certified Cloud Associate Engineer
- “Client Value Creation” Awards by Accenture
- “Barclays Be Brilliant” Awards by Accenture

Others Self Projects

Inventory Management System App

[View](#)

Role - Developer

- Implemented features like inserting and maintaining stock of products and customer details, tracking credit and debit details for individual customers and billing with pdf generating mechanism in simple application.
- Build UI using Angular and tailwind-CSS to make a single page app and to give material design interactive easy look.
- Implement storing data with Google Firebase.

COVID19 Tracker (Mobile Native and Web) App

[View](#)

Role - Developer

- Implemented cross platforming mobile application using Google Flutter with consuming authorized (India Govt) covid api where It will show updates based on different states.

Education

BTech in Computer Science and Engineering (CSE)

Mar 2017 – May 2021

Brainware Group of Institutions (MAKAUT)

CGPA – 8.6