Sameer Kulkarni

Java professional with expertise in backend development in Banking Domain.

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EXPERIENCE

Barclays, Pune — *Technical Lead*

JUNE 2021 - PRESENT

Working closely with product owners, developers and different component teams to understand the requirements and build spring boot based microservices, and delivering the same in the production environment in an agile product development environment.

Barclays, Pune — *Software Engineer*

SEPT 2018 - MAY 2021

Development of different spring boot based microservices in the Secured Borrowing area.

Also worked on a migration project which included moving mid tier soap services from legacy IBM WAS infrastructure to cloud based openshift platform.

Bitwise, Pune — *Programmer*

MARCH 2015 - AUGUST 2018

Worked on multiple java related projects which included back-end as well as front-end development for a credit card company. Also worked on rest API development in one of the projects.

EDUCATION

Dr. Babasaheb Ambedkar Technological University**,** Lonere — *B. Tech* in *Computer Engineering*

JULY 2010 - JUNE 2014

RECENT PROJECTS

Valuations Hub

These APIs which are used for instructing valuations and getting valuation reports on inbound from a third party system.

SKILLS

Development

Java, Spring boot, RAML, Swagger

Junits, Karate,

Unix Shell Scripting,

Oracle, Sql server

DevOps

Docker, Gradle, Jenkins,

Nexus, Sonarqube

Git, Bitbucket

Tools

IntelliJ, Eclipse, Postman, SoapUI, Insomnia

Jira, Confluence, ServiceFirst.

Cloud Technologies

Openshift cloud platform, AWS

CERTIFICATIONS

AWS Certified Cloud Practitioner, Dec 2020

Developing Soft Skills and Personality, MOOC course from NPTEL, IIT Kanpur in September 2016.

APIs migration to service mesh & APIs evergreening

APIs were migrated from individual container platforms to clustered service mesh platforms along with evergreening of APIs which included patching activity like upgradation of Java, OS versions in production and non production environments.

COVID-19 Payment Holiday

This was a regulatory requirement to apply a payment holiday for mortgage accounts for a specified time period. Team delivered this project in a record time of 2 weeks.

Mid Tier Services Migration to Redhat Openshift Platform

This was a migration project where we migrated legacy mid tier soap based services from IBM websphere platform to strategic openshift cloud platform.

Procuration Fee Calculation APIs

These APIs are used for broker journey to calculate the procuration fee for a mortgage application.

Properties encryption utility in Jenkins

Developed a property encryption utility in Jenkins which is used to encrypt sensitive information like passwords which are stored in application.properties file.

APIs regression testing and Performance testing framework development

Developed API testing framework which is used for performing regression testing of the APIs using Karate framework. This would do field by field validation, tests API fields against the given field patterns. Performance testing framework was developed using gatling.

Mortgage Application Journey APIs

This journey is used by third party brokers to create a mortgage application in a backend system. Worked on creating multiple APIs as part of this project which were connecting with sql server database and consuming a downstream soap service.

Pivotal cloud applications migration from 1.07 to 1.10

Client: Through Bitwise for a leading credit card company in the US.
Description: Migrated spring applications from pivotal 1.07 to 1.10 as pivotal ended support for 1.07 platform.This involved analyzing required configuration changes for the respective application like updating routes from old foundation to new foundation. It also involved activities like firewall connections, connection to appdynamics, and existing data sources from the new 1.10 foundation.
Platforms/Technologies: Spring, Pivotal Cloud Foundry.

Balance Transfer Project

1. **Offer a new card to card members**

Client wanted to offer a special card for a few of the privileged card members through an email campaign. This campaign involved creation of a new landing page; this is the page on which users can land by clicking on the link in email.
It also involved eligibility checks like if a user is eligible for the campaign, if the link is valid, etc.
Once the confirmation page is displayed to the user, s/he will also receive the confirmation email on the registered email address, memos are

written at the backend for business purposes, and a card is added to the user's card gallery.

    2.   Balance transfer segmented landing pages

Balance transfer is one of the functionality offered by credit card company in order to transfer funds to retailers or other bank accounts using promotional offers.

In this project, the client wanted to display one of the four versions of the landing page to customers based on some business criteria's. On each of these pages, offers and their calculations were displayed in different manners.

    3.   Balance transfer rest api redesign

The rest API is used by native mobile application to fetch and submit data. I worked on redesigning the existing spring rest API which included adding new endpoints and modifying existing endpoints which covered balance transfer journey using mobile application.

Technologies: Spring MVC, freemarker templates.

Various existing security vulnerabilities

Description: I worked on various production security vulnerabilities like

1. Insufficient input validation – transfer form validation in balance transfer flow.
2. XSS attack vulnerability.
3. Directory traversal vulnerability.

Unix batch scripts

Description: Worked on writing new and modifying existing batch scripts, this involved – Fetching data from database and sending it to different vendors of the company.

Retrieving files from vendors and performing various operations on files such as feeding them to applications, updating databases with latest data.

Technologies: Unix shell scripting along with Java.