RABINDRA KUMAR PATRA

Lead Engineer, FICO (2022 – PRESENT), BENGALURU, INDIA
Java, Spring Boot, Microservices, React JS, Kafka
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Technology & Tools

Java 8 / 17, Microservices, Spring Boot, MVC, Security, Oauth2, AOP, DI, Data Structures,

TDD, Junit, TestNG, Maven, Git, Jenkins,

JavaScript, ES6, React Js,

Docker, Kubernetes, Linux

Cassandra, MySQL, IntelliJ, Tomcat, Http, Rest, gRPC, Distributed Systems,

Aws, Ecs, S3, Ec2

Employers

FICO, **2022 – PRESENT**

Walmart, 2021-2022

FICO, 2018-2021

TEKsystems, 2016-2018

Academic

MCA, 2010-2013, Utkal University, Odisha

Bsc, 2006-2009, Berhampur University, Odisha

Languages

Odia,

English,

Hindi

8+ years of experience working with Java, Spring Boot, Microservices, React Js in a distributed environment. Experience of working with scalable platform using docker and Kubernetes.

2022: DMP (Decision Management Platform)

Designed api **authorization** framework using **Java**, **Spring Boot**, Rest that evaluates users permission to access the api of solution and component.

Increased code coverage from 60% to **85%** with **Junit** and **TestNG**.

Enhanced deployment shell scripts to apply environment variables dynamically on **Kubernetes** deployment spec.

Fixed defect with **multithreading** using distributed lock.

Improved **performance** time by $1/10^{th}$ with **concurrency** during import of solution/components.

2021: ODS (Operational Data Store)

Consumed messages with **kafka** from multiple topics and published to a unified topic, **Cassandra** & **Elastic search**.

Designed a portal using **React Js** where downstream clients provides the artifacts of mapping handler. So that the **concurrent** publisher can consume the message from unified topic and apply transformation before publishing them into client topic.

Designed a search portal using **React Js** to view the stats of messages received and published to client topic.

Migrated **Cron** jobs from Linux instance to WCNP

2018: FAWB (FICO APPLICATION WORKBENCH)

Migrated RAD platform from desktop to cloud native using Spring Boot, **Microservices**.

Fixed a defect that reduced execution of a thread from 3000s to 30ms by breaking the recursive traversal.

Integrated FAWB one-click deployment portal (**React Js**) of applications with DMP as components. The deployment communication happens through kafka topic.

Implemented component Life Cycle mechanism to publish notification about LCM progress to **kafka** topic.

2016: Southwest Airlines & 1A

Wrote Jenkins pipeline to automate build and deployment of pull requests, branches, repositories after migration from svn to github.

Implemented quartz based scheduler to import events from **AWS** S3.