



RUPAKUMAR T S

SENIOR SOFTWARE ENGINEER

CONTACT



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SKILLS

JAVA 8
KAFKA
SPRINGBOOT
MICROSERVICES
REST API
MONGO DB
POSTGRESS SQL
PYTHON
GIT
JIRA
GRAFANA
DOCKER
JENKINS
DEVOPS

EXPERTISE



EDUCATION

B.TECH, ELECTRONICS & COMMUNICATION
ENGINEERING

**Sri Venkateswara College of
Engineering**

2013 - 2017

PROFESSIONAL OVEVIEW

An ambitious and dedicated Senior Software Engineer with 6 years of professional experience in design, development and optimization of software application using JAVA 8, Kafka, SpringBoot and Microservices. Adept at coordinating the software development lifecycle from the analysis stage to development, delivery, and maintenance. Renowned for continually delivering technical solutions that strengthen security while improving application functionality and scalability, the capacity to explain complex concepts to lay audiences and a proven facility to quickly master new concepts and always striving to achieve strategic and successful results.

WORK EXPERIENCE

SENIOR SOFTWARE ENGINEER

ENCORA, *Bangalore*

Sep/2023 - Present

Indeed Guardian (Working with Indeed) - Will provide E2E automation platform using Robot Framework and identifies ways to automate without any of the UI interfaces. As it focus initially on API based automations. The individual teams are welcome to run out tests on their own.

- Understanding the Business Requirements, Analyze the project requirements and Working with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability and performance.
- Working with Python and Big data tool like Kafka for data managing, processing and utilisation of test scenarios for effective creation of the scripts using Robot framework.

SENIOR SOFTWARE ENGINEER - A3

UST GLOBAL, *Bangalore*

Sep/2021 - Sep/2023

Account Setup Information System (Working with Legato) - SFDC produces ASF (Account Setup Form) data and it is being digitally published to Kafka. ASIS uses Digital Client Implementation Foundation to make this ASF data available in the Enterprise. It has Single Sign on with Role based authorization, Dynamic views based on user role & department and year over year and revision (any revision) compare.

- Participated in the systems architectural decisions and technical design of the workflows. Ensure that Account Setup Information System development standards are adhered to, and the tools and processes are in place to sustain the applications long term.
- Designed and integrated the Bigdata tool Kafka from scratch as an adaptor application which will be a common module for all the downstream applications, who wants to utilize the raw data from Sales force dot com(SFDC) based on the business requirements.
- Built a robust application using Java, Kafka, SpringBoot, Microservices and MongoDB technologies to transform the data from Sales force dot com(SFDC) to the structure of Account Setup Information System(ASIS) which will be a centralized system for sharing the transformed data to downstream applications.
- Practicing agile software development methodology for more insight into the development and releasing cycles.
- Developed various controllers using RESTAPI with action methods returning varied action results like file content, JSON data, URL redirection and HTTP status.
- Leading the team of 4 associates, guided technically in completing their assigned user stories within the iteration.
- Implementing continuous development/ continuous deployment strategy using Bitbucket, Bamboo, Docker and JIRA for iteration planning and bug tracking.
- Analyzes, reviews, and alters applications to increase operating efficiency or adapt to new requirements



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LANGUAGES

English Telugu Hindi Tamil

Benefits Digitization (Working with Legato) - will provide a detailed information of healthcare policies plans and services for Customers by the platform called NLS(Natural Language System) to display the details of insurance benefits for a Customer, fetched from FOBS (Front Office Benefits System) which helps in digitalizing the policy benefits from PDF's.

- Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability and performance.
- Reviewed project specifications and designed technology solutions that met or exceeded performance expectations.
- Provided Key technical inputs for the enhancements of to ensure the backward compatibility.

SENIOR SYSTEMS ENGINEER



INFOSYS, Bangalore

May/2018 - Sep/2021

Generic Data Retention Platform (GDRP) - will provide a framework to archive and purge the data from key repositories. Helps the Tenant to purge the Aged data and provide reports with metadata for audit and maintained a Detailed Log of deleted data in the Tenants & applications.

- To design and implement enhanced features for GDRP using Core Java and Spring boot services.
- Good amount of experience in designing Rest API's, implementing the backend services and integrating it with UI.
- Enabling SSL for the platform on Tomcat server.
- Handling different Security approval process for platforms like GDRP, Infosys Jenkins platform.

Infosys DevOps Platform (IDP) - is built on an extensible microservices architecture and part of automation project which follows CICD pipeline ensuring that appropriate software build, deploy, test and code changes are delivered to respective target environment. It leverages the orchestration capabilities of the widely popular Jenkins.

- Developed one of the key components, IDP Dashboard using multithreading services for visualizing detailed statistics of CICD pipelines by using Grafana as the visualizing interface and Core Java as the backed technology.
- Implemented OSS Dashboard feature in multiple module project. Experience in dealing XML, JSON format data and performed complex SQL queries and updated data as per requirement.
- Leading demos, mentoring team members and holding developer meetings, removing blockers, and facilitating regular technical touch-point meetings with other teams.
- Preparing detailed functional specifications, design models and system workflows from which applications will be developed and implemented.
- Design and implemented enhanced features for GDRP using Core Java and Spring boot services.
- Supported in setting up Infosys centralized Jenkins platform for whole infoscions and migrated their jobs and enabled Azure Active Directory on the server.