

# YOGESH SINGH

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## EDUCATION

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Master of Computer Science, NIT Warangal	07/2018 - 06/2021
Bachelor of Computer Science, Panjab University	07/2015 - 06/2018

## SKILLS

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Languages and Framework	C++, Java, SpringBoot
Tools	Jenkins, Dynatrace, Kibana, Git, Kafka
Database and Cloud Platform	Couchbase, Kubernetes, OpenShift(OCP)

## EXPERIENCE

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Software Developer	07/2021 - Present
Amdocs	Gurgaon, India

- Developed and implemented expandable microservices using Spring Boot framework, optimizing purchase experiences. Reduced customer support issues by 30% and increased successful transactions by 20%.
- Introduced new **POST API** for amending the existing purchase orders.
- Design and developed the strategy design pattern to dynamically enlarge the product order population for the **amend API** based on business configuration, resulting in a 40% increase in order processing efficiency.
- Innovated a new Kafka consumer tasked with purging Couchbase JSON documents based on the policies defined in the microservice configuration set by the customer.
- Providing assistance for late-night deployment work and addressing high-priority(P1) issues for production.
- Evolved and executed automated validation framework for 10+ microservices, leveraging configuration triggers; reduced manual validation efforts by 70% and increased deployment speed by 50%.
- Reduced database size by nearly 50% and improved its performance by 20%.
- Achieved code coverage of more than 90% per tested functionality.
- Collaborated with internal teams , including product architecture and QA testers to develop and deploy new functionality in production to boost rate of success by 20%.
- Involvement in multiple testing phases including PT, SIT, UAT, and NFT, leading to an understanding of the behavior of MSs in various environments, and also successfully resolved over 20+ defects.

## PROJECTS

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### Notify Customer Microservice

- Consolidated "Notify Customer" feature, allowing the system to keep track of these products and the customers who have requested to be notified. When the product becomes live or available again, the system automatically sends a notification to those customers who had clicked the "Notify Me" button.
- This feature is beneficial as it helps to retain customers who might otherwise be lost due to product unavailability.
- Created 2 RESTful APIs: "POST addToInventory" to add products and trigger Kafka message for consumers, and "POST notifyMe/productId" for customers to subscribe to notifications.
- Spring Boot, Kafka , Couchbase database with 2 buckets were used in the making of it.
- Pushed 100% code on [GitHub](#) with detailed explanation in README.md.

## CERTIFICATES

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Couchbase Certified Associate Java Developer, Issuing Authority : Couchbase	11/2023 - 11/2025
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