

# ROHIT MEWADA

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## Skills

- Java | Spring Boot | Rest API | JPA | Kafka | JUnit | PostgreSQL | MySQL | SQL | HTML | CSS | Bootstrap
- Microservices | Monolithic | Design Patterns | OOP | Data Structures | Algorithms | LLD | HLD | DBMS
- Git | BitBucket | Maven | Openshift | JIRA | IntelliJ

## Experience

### Specialist Programmer

#### Infosys Limited

Bangalore, India

02/2022 - Present

- Led the design and development of **3 microservices** by decomposing a **monolithic** application into a scalable **microservices architecture**. This transformation improved system scalability and performance, **reduced response times by 30%**, **deployment times by 50%**, and making the system more reliable and easier to maintain. It also sped up the implementation of new features.
- Designed and implemented scalable **REST APIs** in **7+ microservices** to facilitate diverse account opening journeys, including **online, branch-assisted, and specialized accounts** (business and personal). This **streamlined the onboarding process**, reducing customer **onboarding time by 40%** and improving customer satisfaction scores.
- Developed the **Vendor Configuration Engine** application from **scratch** using Spring Boot best practices. VCE acts as a **middleware**, exposing various APIs and handling **object conversions**. This simplifies integration for other services, allowing them to use VCE endpoints without **worrying about data conversion**. It streamlined processes and improved **efficiency across the system**.
- Created a versatile, **binder-agnostic** library **Stream-Utility**, that enabled seamless integration of **Spring Cloud Stream** with diverse **message brokers**. This innovation provided flexibility for scalable and resilient microservices architectures, allowing developers to choose their preferred broker technology. It **reduced integration issues**, and enhanced system reliability and scalability.
- Introduced a **Delay-Queue** microservice to simulate **RabbitMQ's** delay queue functionality, facilitating a transition to **Kafka**. This ensured timely and reliable processing of delayed messages within the microservices ecosystem, improving message handling **efficiency by 30%**.
- Designed and implemented a microservice **Wiretap**, for **monitoring** raw requests and responses across the microservices landscape. This solution provided **valuable insights** into system interactions and **rapid issue resolution**. It improved system visibility and **reduced troubleshooting time by 40%**.
- Worked on various services and libraries to **upgrade Java and Spring Boot versions**, increased the code coverage from less than **10% to over 80%**. Addressed critical **vulnerabilities** and ensured successful deployments while maintaining existing functionality.
- Collaborated with UI developers to **integrate backend APIs** for new features and conducted **integration testing** to ensure seamless functionality. Additionally, I conducted **code reviews**, wrote unit tests, **resolved code quality issues**, and fixed security vulnerabilities.

### Software Developer

#### ZeOmega

Bangalore, India

11/2021 - 01/2022

- Successfully transitioned **2 microservices** from **GitLab to Bitbucket**, improving version control efficiency and collaboration.
- Upgraded all **2 microservices** to the **latest versions of Java and Spring Boot**, enhancing application performance, security, and maintainability.

### Software Developer Trainee

#### Nagarro

Gurgaon, India

05/2021 - 10/2021

- Gained **valuable experience** working on diverse assignments as part of **Full Stack Developer** training.
- Achieved **100% code coverage** from **less than 75%** by writing comprehensive unit tests using **JUnit**, ensuring all conditions were thoroughly tested.

## Education

### Bachelor of Technology

#### Oriental Institute of Science & Technology

Bhopal, MP, India

2017 - 2021

- Computer Science and Engineering (7.82 CGPA)

## Awards & Achievements

- **Cloud Professional Badge**, Awarded by Infosys for the proficiency in developing and deploying the apps in cloud environment (2023)
- **Star Performer Award**, Awarded by Citizensbank for outstanding work (2023)
- **Insta Award**, Awarded by Infosys for exceptional contribution to client project (2023)
- **Leetcode**, 600+ questions solved