

# ROHIT SHAKYA

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## Profile Summary

Experienced backend engineer with **5 years** of expertise designing and scaling cloud-native, low-latency systems using **Java, Kotlin, Spring Boot**. Strong in data structures, algorithms, system design, distributed systems, and event-driven architecture. Skilled in building scalable microservices, optimizing databases, and managing real-time data pipelines with Kafka. Proficient in **AWS, Docker, Kubernetes, Caching strategies**, and CI/CD pipelines.

## Education

**Department of Computer Science, University of Delhi**

*Master of Science in Computer Science*

**July 2019 – May 2021**

*New Delhi, India*

**Ramanujan College, University of Delhi**

*Bachelor of Science in Computer Science*

**June 2016 – May 2019**

*New Delhi, India*

## Technical Skills

**Programming Languages:** Java, Kotlin, C++, SQL, PHP, JavaScript

**Frameworks & Libraries:** Spring Boot, Spring Security, Hibernate, JPA

**Databases & Caching:** PostgreSQL, MySQL, MongoDB, Redis, ClickHouse

**Cloud & DevOps:** AWS (EC2, RDS, S3, Lambda), Kubernetes, Docker, CI/CD, Git/GitHub, Datadog, Monitoring

**Architecture & Design:** Kafka, Microservices, REST APIs, Design Patterns, SOLID Principles, Agile Methodologies

## Experience

**OLX Indonesia – RoundCircle**

**Jan 2024 – Present**

*Senior Software Engineer*

*Gurgaon, India*

- Led end-to-end backend development of a cross-service **video platform**, enabling seamless video support across Panamera Core, Hermes, Catalog, Sync, Jax, and Mudra services.
- Re-architected the **Product Catalog Service** to support multi-location listings, combo offers, spotlight, and video availability, improving search accuracy and increasing seller visibility by **30%**.
- Optimized SQL queries, cutting average latency from **900ms to 100ms**, reducing P99 page latency by **35%**.
- Refactored and upgraded all **PHP-based services** to the latest stable versions, improving fault isolation, uptime, and long-term maintainability.
- Integrated SonarQube and **Datadog APM**, reducing production debug time by **40%** and improving system reliability.

**Healthians**

**Apr 2023 – Nov 2023**

*Software Development Engineer 2*

*Gurgaon, India*

- Led backend development for the **Phlebo App**, integrating real-time appointment scheduling, location tracking, and patient record synchronization.
- Built **Inventory & Logistics Management** modules (barcode-based tracking, handover workflows), reducing test sample loss by **90%**.
- Enhanced **ERP/CRM** backend to integrate patient funnel data into operations dashboards, improving decision-making and boosting sales by **15%**.

**ShopClues & Viva Online Learning Technologies**

**Jan 2021 – Apr 2023**

*Software Engineer*

*Gurgaon, India*

- At **ShopClues SmartShip**, designed and implemented an extensible **Order Management System (OMS)** handling 1M+ monthly orders, with Kafka retry & DLQ ensuring compliance with **refund SLAs and financial workflows**.
- Integrated major logistics partners (BlueDart, Delhivery), reducing sync time by **50%**, and built analytics pipelines using batch jobs & materialized views.
- Contributed to stabilizing ShopClues high-traffic e-commerce infrastructure, modernizing workflows for scale, reliability.
- At **Viva Online Learning**, developed scalable RESTful APIs (Spring Boot, Laravel) supporting blended K-8 LMS, including video, quiz, and ebook content aligned with NEP 2020.

## Selected Achievements & Impact

- Enhanced OLX's catalog and listing systems, achieving a 35% reduction in latency and improving overall experience.
- DBuilt a video-ad platform that introduced native video ads across listings and delivered higher ad viewability.
- Increased system reliability by resolving **memory leaks** and **N+1 queries**, lowering infrastructure costs by **25%**.
- Boosted engineering velocity through monitoring (**Grafana, Datadog**), reducing mean time-to-detect issues by **40%**.