

ROHIT SHAKYA

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Profile Summary

Experienced backend engineer with **5 years** of experience building and scaling cloud-native, low-latency systems using **Java, Kotlin, and Spring Boot**. Strong in data structures, algorithms, backend system design, and distributed systems. Skilled in building scalable microservices, optimizing databases, and implementing event-driven workflows with Kafka. Hands-on with **AWS, Docker, CI/CD**, caching strategies, and system monitoring.

Education

Department of Computer Science, University of Delhi <i>Master of Science in Computer Science</i>	July 2019 – May 2021 <i>New Delhi, India</i>
Ramanujan College, University of Delhi <i>Bachelor of Science in Computer Science</i>	June 2016 – May 2019 <i>New Delhi, India</i>

Technical Skills

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

Frameworks: Spring Boot, Spring Security, Hibernate, JPA

Databases & Caching: PostgreSQL, MySQL, Redis, ClickHouse

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

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

Experience

OLX Indonesia – RoundCircle <i>Senior Software Engineer</i>	Jan 2024 – Present <i>Gurgaon, India</i>
<ul style="list-style-type: none">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 <i>Software Development Engineer 2</i>	Apr 2023 – Nov 2023 <i>Gurgaon, India</i>
<ul style="list-style-type: none">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 <i>Software Engineer</i>	Jan 2021 – Apr 2023 <i>Gurgaon, India</i>
<ul style="list-style-type: none">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

- Optimized catalog and listing performance at OLX, reducing **P99 latency by 35%** for a smoother buyer experience.
- Built 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%**.